



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 177009

TO: Sheridan Swope
Location: REM-2B71/3C70
Art Unit: 1656
Monday, January 23, 2006

Case Serial Number: 10/803530

From: Paul Schulwitz
Location: Biotech-Chem Library
REM-1A65
Phone: 571-272-2527

Paul.schulwitz@uspto.gov

Search Notes

Examiner Swope,

Please review the attached search results.

If you have any questions or if you would like to refine the search query, please feel free to contact me at any time.

Thank you for using STIC search services!

Paul Schulwitz
Technical Information Specialist
REM-1A65
571-272-2527

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STIC-Biotech/ChemLib

177009

From: Chan, Christina
Sent: Thursday, January 19, 2006 10:31 AM
To: Swope, Sheridan; STIC-Biotech/ChemLib
Subject: RE: 10/803,530

Please rush. Thanks Chris

Chris Chan
TC 1600 New Hire Training Coordinator and SPE 1644
(571)-272-0841
Remsen, 3E89

RECEIVED
JAN 19 2006
Swope, Sheridan
(STIC)

-----Original Message-----

From: Swope, Sheridan
Sent: Wednesday, January 18, 2006 9:41 PM
To: Chan, Christina
Subject: 10/803,530

Chris, May I have this rushed for an allowance?
My Interference search did not collect enough hits to properly search the seq.
Thanks,

For 10/803,530, pls interference search:

SID 2 against the Pending_Patents_AA_Main (.rapm)
and the Pending_Patents_NA_Main (.rnpm) databases only.

Collect the top 200 hits from each database.

Thanks!!

Sheridan Swope, Ph.D.
Patent Examiner, AU 1656
Recombinant Enzymes
571-272-0943 (voice)
E02B71 Remsen Bld (Office)
E03C70 Remsen Bld (Mailbox)

Searcher: _____
Searcher Phone: _____
Date Searcher Picked up: _____
Date completed: _____
Searcher Prep Time: _____
Online Time: _____

Type of Search
NA# _____ AA# _____
S/L: _____ Oligomer: _____
Encode/Transl: _____
Structure #: _____ Text: _____
Inventor: _____ Litigation: _____

Vendors and cost where applicable
STN: _____
DIALOG: _____
QUESTEL/ORBIT: _____
LEXIS/NEXIS: _____
SEQUENCE SYSTEM: _____
WWW/Internet: _____
Other (Specify): _____

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GenCore version 5.1.6
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OM protein - nucleic search, using frame_plus.p2n model

Run on: January 21, 2006, 05:29:21 | Search time 7072 Seconds
(without alignments)
3400.995 Million cell updates/sec

Title: US-10-803-530-2
Perfect score: 2342
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Xgapop 10.0, Xgapext 0.5
Ygapop 10.0, Ygapext 0.5
Fgapop 6.0, Fgapext 7.0
Delop 6.0, Delext 7.0

Searched: 79147668 seqs, 27645789525 residues
Total number of hits satisfying chosen parameters: 158295336

Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 500 summaries

Command line parameters:

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-TRANS-human40.cdi -LIST=500 -DOCALLIGN=200 -THR SCORE=pct -THR MAX=100
-THR MIN=0 -ALIGN=200 -MODE=LOCAL -OUTFMT=pct -NORM=ext -HEAPSIZE=500
-MINLEN=0 -MAXLEN=2000000000
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-FGAPEXT=7 -YGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7

Database :

Pending Patents NA Main:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	2342	100.0	2154	28 US-09-606-680-113	Sequence 3113, Ap
3	2338	99.8	2038	29 US-09-659-151-18	Sequence 18, Appl1
4	2338	99.8	2038	42 US-10-180-719-18	Sequence 18, Appl1
5	2338	99.8	2038	66 US-11-045-577-18	Sequence 18, Appl1
6	2338	99.8	2038	71 US-11-183-914-18	Sequence 18, Appl1
7	2337	99.8	1314	1 PCT-US02-19297-88	Sequence 88, Appl1

8	2337	99.8	1314	42	US-10-126-052A-448	Sequence 448, App	81	2297.5	98.1	2063	40	US-10-006-115A-274	Sequence 274, App
9	2337	99.8	1314	42	US-10-173-999-88	Sequence 88, App	82	2297.5	98.1	2063	40	US-10-006-117A-274	Sequence 274, App
10	2337	99.8	1314	44	US-10-295-027-133	Sequence 133, App	83	2297.5	98.1	2063	40	US-10-006-118A-274	Sequence 274, App
11	2337	99.8	1314	44	US-10-295-027-778	Sequence 778, App	84	2297.5	98.1	2063	40	US-10-006-130A-274	Sequence 274, App
12	2337	99.8	1314	44	US-10-295-027-790	Sequence 790, App	85	2297.5	98.1	2063	40	US-10-006-172A-274	Sequence 274, App
13	2337	99.8	1314	44	US-10-295-027-830	Sequence 830, App	86	2297.5	98.1	2063	40	US-10-006-485A-274	Sequence 274, App
14	2337	99.8	1314	44	US-10-295-027-979	Sequence 979, App	87	2297.5	98.1	2063	40	US-10-006-746A-274	Sequence 274, App
15	2337	99.8	2079	82	US-60-625-561-448	Sequence 448, App	88	2297.5	98.1	2063	40	US-10-006-818A-274	Sequence 274, App
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315	2297.5	98.1	2063	42	US-10-173-691-329	Sequence 329, App	388	2297.5	98.1	2063	42	US-10-176-749-329	Sequence 329, App
316	2297.5	98.1	2063	42	US-10-173-692-329	Sequence 329, App	389	2297.5	98.1	2063	42	US-10-176-750-329	Sequence 329, App
317	2297.5	98.1	2063	42	US-10-173-693-329	Sequence 329, App	390	2297.5	98.1	2063	42	US-10-176-751-329	Sequence 329, App
318	2297.5	98.1	2063	42	US-10-173-694-329	Sequence 329, App	391	2297.5	98.1	2063	42	US-10-176-752-329	Sequence 329, App
319	2297.5	98.1	2063	42	US-10-173-695-329	Sequence 329, App	392	2297.5	98.1	2063	42	US-10-176-753-329	Sequence 329, App
320	2297.5	98.1	2063	42	US-10-173-696-329	Sequence 329, App	393	2297.5	98.1	2063	42	US-10-176-754-329	Sequence 329, App
321	2297.5	98.1	2063	42	US-10-173-697-329	Sequence 329, App	394	2297.5	98.1	2063	42	US-10-176-755-329	Sequence 329, App
322	2297.5	98.1	2063	42	US-10-173-698-329	Sequence 329, App	395	2297.5	98.1	2063	42	US-10-176-757-329	Sequence 329, App
323	2297.5	98.1	2063	42	US-10-173-699-329	Sequence 329, App	396	2297.5	98.1	2063	42	US-10-176-757-329	Sequence 329, App
324	2297.5	98.1	2063	42	US-10-173-700-329	Sequence 329, App	397	2297.5	98.1	2063	42	US-10-176-758-329	Sequence 329, App
325	2297.5	98.1	2063	42	US-10-173-701-329	Sequence 329, App	398	2297.5	98.1	2063	42	US-10-176-759-329	Sequence 329, App
326	2297.5	98.1	2063	42	US-10-173-702-329	Sequence 329, App	399	2297.5	98.1	2063	42	US-10-176-916-329	Sequence 329, App
327	2297.5	98.1	2063	42	US-10-173-703-329	Sequence 329, App	400	2297.5	98.1	2063	42	US-10-176-917-329	Sequence 329, App
328	2297.5	98.1	2063	42	US-10-173-704-329	Sequence 329, App	401	2297.5	98.1	2063	42	US-10-176-912-329	Sequence 329, App
329	2297.5	98.1	2063	42	US-10-173-705-329	Sequence 329, App	402	2297.5	98.1	2063	42	US-10-176-913-329	Sequence 329, App
330	2297.5	98.1	2063	42	US-10-173-706-329	Sequence 329, App	403	2297.5	98.1	2063	42	US-10-176-914-329	Sequence 329, App
331	2297.5	98.1	2063	42	US-10-173-707-329	Sequence 329, App	404	2297.5	98.1	2063	42	US-10-176-915-329	Sequence 329, App
332	2297.5	98.1	2063	42	US-10-173-708-329	Sequence 329, App	405	2297.5	98.1	2063	42	US-10-176-916-329	Sequence 329, App
333	2297.5	98.1	2063	42	US-10-174-569-329	Sequence 329, App	406	2297.5	98.1	2063	42	US-10-176-917-329	Sequence 329, App
334	2297.5	98.1	2063	42	US-10-174-570-329	Sequence 329, App	407	2297.5	98.1	2063	42	US-10-176-919-329	Sequence 329, App
335	2297.5	98.1	2063	42	US-10-174-571-329	Sequence 329, App	408	2297.5	98.1	2063	42	US-10-176-920-329	Sequence 329, App
336	2297.5	98.1	2063	42	US-10-174-572-329	Sequence 329, App	409	2297.5	98.1	2063	42	US-10-176-921-329	Sequence 329, App
337	2297.5	98.1	2063	42	US-10-174-573-329	Sequence 329, App	410	2297.5	98.1	2063	42	US-10-176-924-329	Sequence 329, App
338	2297.5	98.1	2063	42	US-10-174-574-329	Sequence 329, App	411	2297.5	98.1	2063	42	US-10-176-925-329	Sequence 329, App
339	2297.5	98.1	2063	42	US-10-174-575A-329	Sequence 329, App	412	2297.5	98.1	2063	42	US-10-176-925-329	Sequence 329, App
340	2297.5	98.1	2063	42	US-10-174-576-329	Sequence 329, App	413	2297.5	98.1	2063	42	US-10-176-928-329	Sequence 329, App
341	2297.5	98.1	2063	42	US-10-174-579-329	Sequence 329, App	414	2297.5	98.1	2063	42	US-10-176-929-329	Sequence 329, App
342	2297.5	98.1	2063	42	US-10-174-581-329	Sequence 329, App	415	2297.5	98.1	2063	42	US-10-176-981-329	Sequence 329, App
343	2297.5	98.1	2063	42	US-10-174-582-329	Sequence 329, App	416	2297.5	98.1	2063	42	US-10-176-982-329	Sequence 329, App
344	2297.5	98.1	2063	42	US-10-174-583-329	Sequence 329, App	417	2297.5	98.1	2063	42	US-10-176-983-329	Sequence 329, App
345	2297.5	98.1	2063	42	US-10-174-585-329	Sequence 329, App	418	2297.5	98.1	2063	42	US-10-176-984-329	Sequence 329, App
346	2297.5	98.1	2063	42	US-10-174-586-329	Sequence 329, App	419	2297.5	98.1	2063	42	US-10-176-985-329	Sequence 329, App
347	2297.5	98.1	2063	42	US-10-174-587-329	Sequence 329, App	420	2297.5	98.1	2063	42	US-10-176-986-329	Sequence 329, App
348	2297.5	98.1	2063	42	US-10-174-588-329	Sequence 329, App	421	2297.5	98.1	2063	42	US-10-176-987-329	Sequence 329, App
349	2297.5	98.1	2063	42	US-10-174-589-329	Sequence 329, App	422	2297.5	98.1	2063	42	US-10-176-988-329	Sequence 329, App
350	2297.5	98.1	2063	42	US-10-174-590-329	Sequence 329, App	423	2297.5	98.1	2063	42	US-10-176-991-329	Sequence 329, App
351	2297.5	98.1	2063	42	US-10-174-591-329	Sequence 329, App	424	2297.5	98.1	2063	42	US-10-176-992-329	Sequence 329, App
352	2297.5	98.1	2063	42	US-10-175-736-329	Sequence 329, App	425	2297.5	98.1	2063	42	US-10-176-993-329	Sequence 329, App
353	2297.5	98.1	2063	42	US-10-175-737-329	Sequence 329, App	426	2297.5	98.1	2063	42	US-10-176-993-329	Sequence 329, App
354	2297.5	98.1	2063	42	US-10-175-738-329	Sequence 329, App	427	2297.5	98.1	2063	42	US-10-179-506-329	Sequence 329, App
355	2297.5	98.1	2063	42	US-10-175-739-329	Sequence 329, App	428	2297.5	98.1	2063	42	US-10-179-507-329	Sequence 329, App
356	2297.5	98.1	2063	42	US-10-175-740-329	Sequence 329, App	429	2297.5	98.1	2063	42	US-10-179-508-329	Sequence 329, App
357	2297.5	98.1	2063	42	US-10-175-741-329	Sequence 329, App	430	2297.5	98.1	2063	42	US-10-179-509-329	Sequence 329, App
358	2297.5	98.1	2063	42	US-10-175-742-329	Sequence 329, App	431	2297.5	98.1	2063	42	US-10-179-510-329	Sequence 329, App
359	2297.5	98.1	2063	42	US-10-175-743-329	Sequence 329, App	432	2297.5	98.1	2063	42	US-10-179-511-329	Sequence 329, App
360	2297.5	98.1	2063	42	US-10-175-744-329	Sequence 329, App	433	2297.5	98.1	2063	42	US-10-179-512-329	Sequence 329, App
361	2297.5	98.1	2063	42	US-10-175-745-329	Sequence 329, App	434	2297.5	98.1	2063	42	US-10-179-513-329	Sequence 329, App
362	2297.5	98.1	2063	42	US-10-175-746-329	Sequence 329, App	435	2297.5	98.1	2063	42	US-10-179-514-329	Sequence 329, App
363	2297.5	98.1	2063	42	US-10-175-746-329	Sequence 329, App	436	2297.5	98.1	2063	42	US-10-179-515-329	Sequence 329, App
364	2297.5	98.1	2063	42	US-10-175-748-329	Sequence 329, App	437	2297.5	98.1	2063	42	US-10-179-516-329	Sequence 329, App
365	2297.5	98.1	2063	42	US-10-175-750-329	Sequence 329, App	438	2297.5	98.1	2063	42	US-10-179-517-329	Sequence 329, App
366	2297.5	98.1	2063	42	US-10-175-751-329	Sequence 329, App	439	2297.5	98.1	2063	42	US-10-179-518-329	Sequence 329, App
367	2297.5	98.1	2063	42	US-10-175-752-329	Sequence 329, App	440	2297.5	98.1	2063	42	US-10-179-519-329	Sequence 329, App
368	2297.5	98.1	2063	42	US-10-175-753-329	Sequence 329, App	441	2297.5	98.1	2063	42	US-10-179-520-329	Sequence 329, App
369	2297.5	98.1	2063	42	US-10-175-754-329	Sequence 329, App	442	2297.5	98.1	2063	42	US-10-179-521-329	Sequence 329, App
370	2297.5	98.1	2063	42	US-10-176-479-329	Sequence 329, App	443	2297.5	98.1	2063	42	US-10-179-522-329	Sequence 329, App
371	2297.5	98.1	2063	42	US-10-176-480-329	Sequence 329, App	444	2297.5	98.1	2063	42	US-10-179-523-329	Sequence 329, App
372	2297.5	98.1	2063	42	US-10-176-481-329	Sequence 329, App	445	2297.5	98.1	2063	42	US-10-179-524-329	Sequence 329, App

Db 841 CCCATGACCCCAAGACATGATGCCCTCATGAACTGCACTTCCACTCACTTTC 900
Qy 301 SerGlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThr 320
Db 901 TCAGGACAGATCAGGCCCATCTGTCGCCCTTCTTGTAGAGAGCTCACTCCAGCCACC 960
Qy 321 ProLeuTrpIleIleGlyTrpGlyPheThrIysGlnAsnGlyIlyIysMetSerAspIle 340
Db 961 CCACCTGGATCATGTGATGGGCTTTCAGAGCAGAAATGAGGAGATGCTGACATA 1020
Qy 341 LeuLeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyr 360
Db 1021 CTGCTGCAGGGCTCACTCACTCACTTTCACAGCACAGCTGCATGCAAGATGCCGTAC 1080
Qy 361 GlnGlyGluValThrGluIysMetMetCysAlaGlyIleProGluGlyIlyValAspThr 380
Db 1081 CAGGGGGAAGTCAACCGAAGATGATGTGTGACAGGCATCCCGAAAGGGGTGTGGACACC 1140
Qy 381 CysGlnGlyAspSerGlyIlyProLeuMetTyrGlnSerAspGlnTrpHisValValGly 400
Db 1141 TGCAGGGGTGACAGTGGGGCCCTGATGTACCAATCTGACAGTGCATGTGTGGGC 1200
Qy 401 IleValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrIysVal 420
Db 1201 ATCGTTAGCTGGGGCTATGCTGGGGGGCCCGAGCACCCAGAGATTAACCAAGGTC 1260
Qy 421 SerAlaTyrLeuAsnTrpIleTyrAsnValIleTyrIysValGluLeu 435
Db 1261 TCAGCTATCTCAACTGATCTACAAATGTCTGAAAGGTGAGCTG 1305

RESULT 2

US-09-606-680-3113
; Sequence 3113, Application US/0960680
; GENERAL INFORMATION:
; APPLICANT: Lloyd, Clare M.
; APPLICANT: Williamson, Mark
; APPLICANT: Shyjan, Andrew W.
; TITLE OF INVENTION: NOVEL NUCLEIC ACID MOLECULES AND USES
; TITLE OF INVENTION: THEREFOR
; FILE REFERENCE: 1600.1131-001
; CURRENT APPLICATION NUMBER: US/09/606,680
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: 60/141,227
; PRIOR FILING DATE: 1999-06-29
; PRIOR APPLICATION NUMBER: 60/141,226
; PRIOR FILING DATE: 1999-06-29
; NUMBER OF SEQ ID NOS: 4394
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3113
; LENGTH: 2154
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-606-680-3113

Alignment Scores:

Pred. No.: 0 Length: 2154
Score: 2342.00 Matches: 435
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 28 Gaps: 0

US-10-803-530-2 (1-435) x US-09-606-680-3113 (1-2154)

Qy 1 MetAspProAspSerAspGlnProLeuAsnSerLeuAspValIlyProLeuArgIlyPro 20
Db 275 ATGATCTCTGACAGTGAATCACTCTGAAACAGCTCCAGTCAAAACCCCTCGCAAAACC 334
Qy 21 ArgIleProMetGluThrPheArgIlyValGlyIleProIleIleIleAlaLeuLeuSer 40
Db 335 CGATACCCCATGAGAGACCTTCAAGAAAGGTGGGATCCCATCATCATATGACACTGAGC 394

Qy 41 LeuAlaSerIleIleIleValValIleuIleIyValIleuAspIlyTyrThrPhe 60
Db 395 CTGGCAGATACATCATGTGTGTGCTCATCAAGGTGATTCCTGGATTAATCTACTTC 454
Qy 61 LeuCysGlyIlyProLeuHisPheIleProArgIlySerGlnLeuCysAspGlyIlyLeuAsp 80
Db 455 CTCGGGGGAGGAGCTTCCACTTCATCCGAGGAAGAGCTGTGTGACGAGAGCTGGAC 514
Qy 81 CysProLeuGlyIlyAspGluGluHisCysValIlySerPheProGluGlyProAlaVal 100
Db 515 TGTCCTTGGGGGAGGACGAGAGCACTGTGTCAAGACTTCCCGAAGGGCCCTGCAGTG 574
Qy 101 AlaValArgPheSerIysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsn 120
Db 575 GCATCCGCTCTCCAGAGGACCAATCCACCTGAGGTGTGACCTCGGCCACAGGGAGC 634
Qy 121 TrpPheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGln 140
Db 635 TGGTTCTCTGCTGTTTCGACAACTTCACAGAAAGCTCTGCTGAGACAGCCTGTAGGAG 694
Qy 141 MetGlyTyrSerSerIysP-ProThrPheArgAlaValGluIleGlyProAspGlnAspLeu 160
Db 695 ATGGGCTACAGCAGCAAAACCACTTTCAGAGCTGTGAGATTGGCCCAACAGAGATCTG 754
Qy 161 AspValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyPro 180
Db 755 GATGTTGTAAATCACAGAAACAGCCAGAGCTTCGATGCGGAATCAATGAGGCC 814
Qy 181 CysLeuSerGlySerLeuValSerLeuHisCysAlaLeuAlaCysGlyIlySerLeuIlyThr 200
Db 815 TGTCCTCAGGCTCCCTGGTGTCTCCCTGCACTGTGCTGCTGGGAAAGCCTGAAGACC 874
Qy 201 ProArgValValGlyIlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIle 220
Db 875 CCCGTGTGTGGGTGGGAGAGGCTCTGTGATATTTGTCCTTGGCAGGTACAGATC 934
Qy 221 GlnTyrAspIysGlnHisValCysGlyIlySerIleLeuAspProHisTrpValLeuThr 240
Db 935 CAGTACACAAACAGACGCTGTGTGAGGAGATCTTGACCCCACTGGCTCTCACG 994
Qy 241 AlaAlaHisCysPheArgIlyHisIleThrAspValPheAsnTrpIlyValArgAlaGlySer 260
Db 995 GCAGCCCACTGCTTCAGAAACATACGATGTCTTCAACTGAAAGGTGCGGAGGCTCA 1054
Qy 261 AspIlyLeuGlySerPheProSerLeuAlaValAlaIlySerIleIleIleGluPheAsn 280
Db 1055 GACAACTGGGAGCTTCCATCTGGCTGTGGCCAAAGTCAATCATTTGAATTCAC 1114
Qy 281 ProMetTyrProIysAspAsnAspIleAlaLeuMetIlyLeuGlnPheProLeuThrPhe 300
Db 1115 CCATGTACCCAAAAGACATGACATCGCCCTCATGAGCTGCAGTTCCACATCACTTTC 1174
Qy 301 SerGlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThr 320
Db 1175 TCAGGCACAGTCAGGCCCATCTGTGCTGCCCTTCTTGTATGAGAGCTCACTCCAGCCACC 1234
Qy 321 ProLeuTrpIleIleGlyTrpGlyPheThrIysGlnAsnGlyIlyIlyMetSerAspIle 340
Db 1235 CCATCTGGATCATGTGATGGGCTTTTACACAGAAATGAGGAGAAATGTCTGACATA 1294
Qy 341 LeuLeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyr 360
Db 1295 CTGCTGAGGCGTCAGTCCAGGTCAATTGACAGCACCGGTGCAATGCAAGCGATGCGTAC 1354
Qy 361 GlnGlyGluValThrGluIysMetMetCysAlaGlyIleProGluGlyIlyValAspThr 380
Db 1355 CAGGGGGAATCAACCGAAGATGATGTGACAGGATCCCGAAGGGGTGTGGACACC 1414
Qy 381 CysGlnGlyAspSerGlyIlyProLeuMetTyrGlnSerAspGlnTrpHisValValGly 400
Db 1415 TGCAGGGGTACAGTGTGGGCCCTTGATGTACCAATTCACAGATGGCATGTGTGGGC 1474
Qy 401 IleValSerTrpGlyTyrGlyCysGlyIlyProSerThrProGlyValTyrThrIysVal 420

Db 1475 ATCGTAGCTGGGGCTATGCTGCGGGGGCCGAGCACCAGGAGTATACCAAGGTC 1534
Qy 421 SerIaIYrLeuAsnTrpIleTyraSnaIYrIlysaIaIuLeu 435
Db 1535 TCAGCTATCTCACTGATCTACCAATGCTGGAAGGCTGAGCTG 1579

RESULT 3
US-09-659-151-18
Sequence 18, Application US/09659151
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
Hillman, Jennifer L.
Yue, Henry
Guegler, Karl J.
Corley, Neil C.
Tang, Tom Y.
Shah, Purvi

TITLE OF INVENTION: HUMAN PROTEASE MOLECULES
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Dr.
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/659,151
FILING DATE: 11-Sep-2000
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/008,271
FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:
NAME: Mohan-Peterson, Sheela
REGISTRATION NUMBER: 41,201
REFERENCE/DOCKET NUMBER: PF-0458 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
TELEFAX: 650-845-4166

INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 2038 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

IMMEDIATE SOURCE:
LIBRARY: COLNOT13
CLONE: 1337018

SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-09-659-151-18

Alignment Scores:
Pred. No.: 0 Length: 2038
Score: 2338.00 Matches: 434
Percent Similarity: 100.00% Conservattive: 1
Best Local Similarity: 99.77% Mismatches: 0
Query Match: 99.83% Indels: 0
Gaps: 0

US-10-803-530-2 (1-435) x US-09-659-151-18 (1-2038)

Qy 1 MetAaPProAspSerAspGlnProLeuAsnSerLeuAspValIyProLeuArgIySPro 20
Db 200 ATGGATCTCGAAGAGATCAACCTCTGAACAGCTCGATGCAAACTCCGCGCAAAACC 259

Qy 21 ArgIleProMetGluThrPheArgIySValGlyIleProIleIleIleAlaLeuLeuSer 40

Db 260 CGTATCCCAATGAGACCTTCAAGAAAGTGGGATCCCATCATCATATGACTACTGAGC 319
Qy 41 LeuAlaSerIleIleIleValIValIleuIleIySValIleLeuAspIyTyxIyPhe 60
Db 320 CTGGCGAGTATCATTCATTGTGTGTCTCTCATCAAGGATGATTCGGAATTAATCACTTC 379
Qy 61 LeuCySgIyGlnProLeuHisPheIleProArgIySgIuLeuCyAspGlyIuLeuAsp 80
Db 380 CTCTGGGGGAGCCTCTCCATCTTCATCCGAGAAAGCAGCTGTGTGACGAGAGCTGAGC 439
Qy 81 CySProLeuGlyIuAspGlyIuHisPheValIySerPheProGlyIuProIaIaI 100
Db 440 TGTCTCTTGGGGAG 499
Qy 101 AlaValArgLeuSerIyAspArgSerThrLeuGlnValIleuAspSerIaIaThrGlyAsn 120
Db 500 GCAATCCGCTCTCCAGAGACCGATCCATCCATGCAAGGTGCTGAGACTCCGCGCAGAGAAC 559
Qy 121 TrpPheSerIaIaCyPheAspAsnPheThrGluIaIeuaIaIuThrIaIaCyAsnGln 140
Db 560 TGGTTCTGTGCTGTTTGAACAATTCACAGAGCTCGCTGAGACAGCTGTAGGAG 619
Qy 141 MetGlyTySerSerIySProThrPheArgIaIaValGlyIleGlyProAspGlnAspIeu 160
Db 620 ATGGGCTACAGACAGCAAACTTCAGACTGTGAGATGGAGATGGCCAGACAGATATG 679
Qy 161 AspValIaIaGlyIleThrGluAsnSerGlnIuLeuArgMetArgAsnSerSerIyPro 180
Db 680 GATGTTGTGAATCAACAAACAGCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 739
Qy 181 CySLeuSerGlySerLeuValSerIleuHisCySLeuAlaCySgIyIySerIeuIyThr 200
Db 740 TGTCTCTAGGCTCCCTGTGTCTCTCTGCACTGTCTGTGCGAGAGAGCTGAGAAC 799
Qy 201 ProArgValIaIaGlyIyGlyIuGlnIaIaSerValAspSerIyProIyGlnIaIaSerIle 220
Db 800 CCCGCTGATGGGGGAG 859
Qy 221 GlnTyraSryIyGlnHisIeValIyGlyIySerIleIeuaAspProHisIyIyValIeuthr 240
Db 860 CAGTACGACAAACAGCAAGCTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 919
Qy 241 AlaAlaHisCySPhaArgIyHisIeThrAspValIleAsnTrpIySValArgIaIySer 260
Db 920 GAGGCCCATCTGCTTCAAGAAACATTCAGATGTCTTCACTGGAAGGTGGGCAAGCTCA 979
Qy 261 AspIySLeuGlySerPheProSerIeuaIaValaIaIySleIleIleIleGlnPheAsn 280
Db 980 GACAAACTGGGCGAGCTTCCATCCCTGTGCTGTGGCAAGATCATCATGTAATTCAC 1039
Qy 281 ProMetTyrrProIyAspAsnAspIleAlaIeMetIySLeuGlnPheProLeuThrPhe 300
Db 1040 CCCATGTACCCCAAGAACATGACATCCCTTCAGAGAGCTGCACTGCCATCTTC 1099
Qy 301 SerGlyThrValArgProIleCySLeuProPhePheAspGlyIuLeuThrProIaIaThr 320
Db 1100 TCAGCAAGTCAAGCCCATCTGTCTGCTCTTCTTGAAGAGACTCATCTCAACAC 1159
Qy 321 ProLeuTrpIleIleGlyTyrrGlyPheThrIySgIuAsnGlyIyIyMetSerAspIle 340
Db 1160 CCACCTCGATCATTCATGATGGGGCTTTTCAAGAGCAAGATGAGGGAGATGCTGACATA 1219
Qy 341 LeuLeuGlnAlaSerValGlnValIleAspSerThrArgCySAsnAlaAspAspAlaTy 360
Db 1220 CTGCTGAGGGGTCAAGTCAAGTCAATTCACAGACACAGGTGCAATGACAGATCCGATC 1279
Qy 361 GlnGlyIuValIThrGluIyMetMetCysAlaGlyIleProGluGlyIyValAspThr 380
Db 1280 CAGGGGGAAGTCAACCGAAGATATATGTGTCAAGGCACTCCGGAAGGGGTGTGACACC 1339
Qy 381 CySglnIyAspSerGlyIyProLeuMetTyrrGlnSerAspGlnTrpHisValIaIy 400
Db 1340 TGCCAGGGTGAACAGTGTGGGCGCTGTGATGTATCAATCTGACAGTGTGACATGTGTGGC 1399

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Qy      401  ILLEVALSERTPGLTYTGYLYCGELVGLYPRQSERTHPRQGLYVALTYRTHRLYSVAL 420
Db      1400  ATCGTACTCGGGGCTATGGCGCTGCGGGGCCGAGACCCCGAGAGATACACCAAGGTC 1455

Qy      421  SerialTyLeuAsnTrpIleTyAsnValITpLYSAlaGluLeu 435
Db      1460  TCAGGCTATCTCAACTGGATCTCAATGTCTGGAGGCTGAACTG 1504

RESULT 4
US-10-180-719-18
: Sequence 18, Application US/10180719
: GENERAL INFORMATION:
: APPLICANT: Bandman, Olga
: Hillman, Jennifer L.
: Yue, Henry
: Guegler, Karl J.
: Corley, Neil C.
: Tang, Tom Y.
: Shah, Purvi
: TITLE OF INVENTION: HUMAN PROTEASE MOLECULES
: NUMBER OF SEQUENCES: 24
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Incyte Pharmaceuticals, Inc.
: STREET: 3174 Porter Dr.
: CITY: Palo Alto
: STATE: CA
: COUNTRY: USA
: ZIP: 94304
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Diskette
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: DOS
: SOFTWARE: FastSeq for Windows Version 2.0
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/10/180,719
: FILING DATE: 25-Jun-2002
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US/09/008,271
: FILING DATE: 16-Jan-1998
: ATTORNEY/AGENT INFORMATION:
: NAME: Mohan-Peterson, Sheela
: REGISTRATION NUMBER: 41,201
: REFERENCE/DOCKET NUMBER: PF-0458 US
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 650-855-0555
: TELEFAX: 650-845-4166
: INFORMATION FOR SEQ ID NO: 18:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 2038 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: IMMEDIATE SOURCE:
: LIBRARY: COLNOT13
: CLONE: 1337018
: SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-10-180-719-18

Alignment Scores:
Pred. No.:      0      Length:      2038
Score:          2338.00  Matches:      434
Percent Similarity: 100.00%  Conservative: 1
Best Local Similarity: 99.77%  Mismatches: 0
Query Match:      99.83%   Indels:      0
DB:              42      Gaps:      0

US-10-803-530-2 (1-435) x US-10-180-719-18 (1-2038)
Qy      1  MetAaPPrCaaGSPSerAaGlnPProLuanSPSerLeuAsnValYsPProLeuAaGlySPPro 20
Db      200  ATGGATCCCTGACAGATGATCAACCTCTGGAACAGCCTGATGTCAAAACCCCTGGCGAAACCC 259

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QY	21	ArgIIeProwetGIuThrrPheArIrgIyVaIGlyLeProIleIleIleAlaLeuLeuSer	40
Db	260	CGATCCCAAGAGACCTTCAGAAAGGTGGAGATCCCAATCATCATAGCACTAAGAC	319
QY	41	LeuIaSerIleIleIleValIleValIleuIleIySerValIleLeuAspIlyrTyPhe	60
Db	320	CTGGCGAGTATCATTTGGTGTGTCTCATCAAGGTGATTCGGATTAATTAATCTTCC	379
QY	61	LeuCySGIyGIInProLeuHISpHeIleProArIySGIInLeuCyAspGIyGIInLeuAsp	80
Db	380	CTTCGGGGGAGCGCTTCTCCACTTATCCCGAGAAAGCAGTGTGTGACGAGAGACTGGAC	439
QY	81	CysProLeuGIyGIInAspGIyGIInHISCyVaIlySerPheProGIyGIInProAlaVal	100
Db	440	TGTCCCTTGGGGGAGAGCAGAGAACACTGTGTCAAGAGCTTCCCGAAGGGCTTCGAGTG	499
QY	101	AlaValaArgIleuSerIlyAspAspSerThrIleuGIInValIleuAspSerAlaThrGIyAsn	120
Db	500	GGAAGCGCCCTCTCGAAGAGCCGATTCACACTGAGGTGCTGAGCTGGGCCACAGGGAGAC	559
QY	121	TrpPheSerAlaCySpHeAspAspPheThrGIuAlaLeuAlaGIuThrrAlaCyAsrGIIn	140
Db	560	TGGTCTCTGGCTGTTCGACAACTTCACAGAACTCTGGCTGAGACAGCCTTGAAGCAG	619
QY	141	MetGIyTyTrSerSerIlyProThrPheArgAlaValGIuIleGIyProAspGIInAspLeu	160
Db	620	ATGGGCTTACACACACAAACCCACTTCAGACTGTGAGATTTGGCCCAAGACAGAGATCTG	679
QY	161	AspValaValGIuIleThrGIuAsnSerGIInIleuArgrMetArgAsnSerSerGIyPro	180
Db	680	GATGTGTGTAATCATCAGAAACAGCCAGAGACTTGGCATGCCGAATCAAGTGGGCC	739
QY	181	CysIleuSerGIySerIleuValSerIleuHISCySleuAlaCySGIyLySerIleuIyThr	200
Db	740	TGTCTCTAGGCTCCCTGTGTCTCCCTGGACGTCTTGGCTGTGGGAGAGCCTGAAGACC	799
QY	201	ProArgrValaValGIyGIyGIInuAlaSerValaAspSerTyProTrrpGIInValSerIle	220
Db	800	CCCCGTGTGGTGGGGGAGAGAGGCGCTCTGTGAATCTTGGCCCTTGGCAGAGTCAGATTC	859
QY	221	GIInTyrrAspIlySGIInHISValCySGIyGIySerIleuAspProHISTrpValIleuThr	240
Db	860	CAGTACGACAAACAGCACGTCGTGTGAGAGGGAGATCTCGACCCCCACTGGAGTCTCAGG	919
QY	241	AlaAlaHISCySpHeArGIyHISThrAspValaPheAsnTrpIlyValaArgAlaGIySer	260
Db	920	GCAGCCCACTGCTTCAGAAACATACCATGTGTTCACATCGAAGGTGGGGGAGGCTCA	979
QY	261	AspIlySleuGIySerPheProSerIleuAlaValaIySIIleIleIleGIInPheAsn	280
Db	980	GACAAACTGGGAGAGCTTCCCATCCCTGGCTGTGGCCAAATCATCATCATTTGAATTCAC	1039
QY	281	ProMetTyrrProIlyAspAspAspIleAlaIleuMetIlySleuGIInPheProLeuThrPhe	300
Db	1040	CCCAATGTCACCCAAAGACAAATGACATGCGCTCATGAAAGTCGAGTTCCACTCATCTTC	1099
QY	301	SerGIyThrrValaArgProIleCySleuProPhePheAspGIyGIInuLeuThrProAlaThr	320
Db	1100	TGAGGCAAGTCAAGGCCCATCTGTCTGGCCTTTCTTGAATGAGAGCTCACTCCAGCCAC	1159
QY	321	ProLeuTrpIleIleGIyTyrrpGIyPheThrIlySGIInaSGIyGIyIyMetSerAspIle	340
Db	1160	CCACTCTGGATCATTTGATGGGGCTTTTACGAAGCAGATTGAGGGGAAAGATGTCTGACATA	1219
QY	341	LeuLeuGIInAlaSerValGIInValIleAspSerThrArgCySAspAlaAspAspAlaIyrr	360
Db	1220	CTGCTGACAGGGCGTCAGTCCAGGTCAATTGACACGACACAGGTGCMAATGCAGACGATCGTAC	1279
QY	361	GIInGIyGIuValaThrGIuIyMetMetCySAlaGIyIleProGIuGIyGIyValaAspThr	380
Db	1280	CAGGGGGAGATCACGAGAAAGATGATGTGTGACAGCATCCCGAAGGGGGGTGTGACACC	1339
QY	381	CySGIInIyAspSerGIyGIyProLeuMetTyrrGIInSerAspGIInTrpHISValaValGIy	400

DB 1340 TGCAGGGTGACAGTGGGCCCCCTGATGACCAATGACCAAGTGCAATGGTGGG 1399
QY 401 ILeValSerTrpGlyTrpGlyCysGlyGlyProSerThrProGlyValTrpThrIysVal 420
DB 1400 ATCCGTAGCTGGGGCTATGGCTGGCGGGGCCGAGCACCCCGAGGTATACCAAGGTC 1459
QY 421 SerIaTrpLeuAsnTrpIleTrpAsnValTrpIysValIleu 435
DB 1460 TCAGCTATCTCAACTGATCTACATGTCTGAAAGGCTGAGCTG 1504

RESULT 5
US-11-045-577-18
Sequence 18, Application US/11045577
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
Hillman, Jennifer L.
Yue, Henry
Guegler, Karl J.
Corley, Neil C.
Tang, Tom Y.
Shah, Purvi
TITLE OF INVENTION: HUMAN PROTEASE MOLECULES
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Dr.
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/11/045,577
FILING DATE: 27-Jan-2005
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/659,151
FILING DATE: 11-Sep-2000
APPLICATION NUMBER: 09/008,271
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Mohan-Peterson, Sheela
REGISTRATION NUMBER: 41,201
REFERENCE/DOCKET NUMBER: PF-0458 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
TELEFAX: 650-845-4166
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 2038 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: COLNOT13
CLONE: 1337018
SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-11-045-577-18

Alignment Scores:
Pred. No.: 0 Length: 2038
Score: 2338.00 Matches: 434
Percent Similarity: 100.00% Conservative: 1
Best Local Similarity: 99.77% Mismatches: 0
Query Match: 99.83% Indels: 0
DB: 66 Gaps: 0

US-10-803-530-2 (1-435) x US-11-045-577-18 (1-2038)

QY 1 MetAspProAspSerAspGlnProLeuAsnSerLeuAspValIysProLeuArgIysPro 20
DB 200 ATGGATCCTCGACAGTGAATCAACTCTTGAAACAGCTCGATGTCAAACCCCTCGCAAAACC 259
QY 21 ArgIleProMetGluThrPheArgIysValGlyIleProIleIleIleIleLeuSer 40
DB 260 CGTATCCCAAGAGGACCTTCAGAAAGGTGGGATCCCAATCATCATGACCTACTGAGC 319
QY 41 LeuIaSerIleIleIleValIleValIleuIleIysValIleLeuAspIysTrpPhe 60
DB 320 CTGGCGAGTATCATCATGTGTGTCTCATCAAGGTGATCTCGAATTAATCATCTTC 379
QY 61 LeuCysGlyGlnProLeuHisPheIleProArgIysGlnLeuCysAspGlyGluLeuAsp 80
DB 380 CTTCGGGGGAGCCTCTCCATCTTCATCCGAGGAAGACGCTGTGACGAGAGCTGAGC 439
QY 81 CysProLeuGlyGluAspGluGluHisCysValIysSerPheProGluGlyProAlaVal 100
DB 440 TGTCCCTGGGGGAGGACGAGAGACACTGTCTCAAGAGCTTCCCGAAGGGCTGACAGTG 499
QY 101 AlaValArgLeuSerIysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsn 120
DB 500 GCAATCCGCTCTCCAGAGACCAATCACTGCAAGTGTGACTCGGCAAGGGAAC 559
QY 121 TrpPheSerAlaCysPheAspAsnPheThrGluAlaLeuValGluThrAlaCysArgGln 140
DB 560 TGTCTCTGTGCTGTTCATCACTTCACAAAGCTCGGTGAGACAGCCGTGTGGCAG 619
QY 141 MetGlyTrpSerSerIysProThrPheArgAlaValGluIleGlyProAspGlnAspLeu 160
DB 620 ATGGGCTACAGACAGAAACCACTTCAGAGCTGTGAGATGGCCAGACAGAGATCTG 679
QY 161 AspValValGluIleThrGluAsnSerGlnGluLeuAspMetArgAspSerSerGlyPro 180
DB 680 GATGTGTGAATCAAGAAACAGCAAGGAGCTCCAGATGGGAATCAAGTGGGCC 739
QY 181 CysLeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIysSerLeuIysThr 200
DB 740 TGTCTCTAGGCTCCCTGTGTCTCTCTGCACTGTCTGTGGGGAAGCTGAAAGCC 799
QY 201 ProArgValValGlyIysGlnGluAlaSerValAspSerTrpProGlnValSerIle 220
DB 800 CCCGCTGATGGGGGAGGAGGAGGCTGTGTGATCTTGGCCTTGGCAGGTCAAGATC 859
QY 221 GlnTrpAspIysGlnHisValCysGlyIysSerIleLeuAspProHisTrpValLeuThr 240
DB 860 CAGTACGACAAACAGCAAGCTGTGTGAGGAGCACTCGAACCCCACTGGGTCTCTCAG 919
QY 241 AlaAlaHisCysPheArgIysHisThrAspValPheAsnTrpIysValArgAlaIysSer 260
DB 920 GCAAGCCCACTGCTTACAGAAACATACCATGTGTTCATCGAAGTCCGGGCAAGCTCA 979
QY 261 AspIysLeuGlySerPheProSerLeuAlaValAlaIysIleIleIleGluPheAsn 280
DB 980 GACAAACTGGGAGCTTCCATCCCTGTGGCTGGCAAGATCATCATTAATTAATCAAC 1039
QY 281 ProMetTrpProIysAspAsnAspIleAlaLeuMetIysLeuGlnPheProLeuThrPhe 300
DB 1040 CCCATGTACCCCAAGAACATGACATCCCTCATGAAGCTGCAAGTCCCACTCACTTTC 1099
QY 301 SerGlyThrValArgProIleCysLeuProPheAspGluGluLeuThrProAlaThr 320
DB 1100 TCAGGCAAGTCAAGCCCATCTGTGTGCTCTTGTATGAGAGCTCACTCAAGCCACC 1159
QY 321 ProLeuTrpIleIleIleGlyTrpGlyPheThrIysGlnAsnGlyIysLysMetSerAspIle 340
DB 1160 CCACTCTGATCATTTGATGGGGCTTTCAGAGCAAGATGGGGAAGATGCTCACTACATA 1219
QY 341 LeuLeuGlnAlaSerValGluValIleAspSerThrArgCysAsnAlaAspAspAlaTrp 360
DB 1220 CTGTGCAAGGCTCATGTCAAGTCAATGACACACAGGTGACATGCAAGCATGCGTAC 1279
QY 361 GlnGlyGluValThrGluIysMetMetCysAlaGlyIleProGluGlyGlyValAspThr 380

DB 1280 CAGGGGAGATCCAGGAGATATGTGCAGGCATCCCGAGGGGGTGTGACACC 1339
QY 381 CyeGlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTPrH1SvalGly 400
DB 1340 TGCAGGGGTACAGTGTGTGGCCCTGATGTACCAATCTGACCACTGTGTGTGGC 1399
QY 401 IleValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValIleTyrThrIleVal 420
DB 1400 ATCGTATGCTGGGGCTGTATGTGTGGGGGCGGAGCACCAGAGATATACCAAGGTC 1459
QY 421 SerAlaTyrLeuAsnTrpIleTyrAsnValTrpIleValIleu 435
DB 1460 TCAGCTTATCTCACTGATCTACATGTCTGGAAGGCTGAGCTG 1504
RESULT 6
US-11-183-914-18
Sequence 18, Application US/11183914
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Hillman, Jennifer L.
APPLICANT: Yue, Henry
APPLICANT: Guegler, Karl J.
APPLICANT: Corley, Neil C.
APPLICANT: Tang, Tom Y.
APPLICANT: Shah, Purvi
TITLE OF INVENTION: HUMAN PROTEASE MOLECULES
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Dr.
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/11/183,914
FILING DATE: 19-JULY-2005
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/008,271
FILING DATE: 16-Jan-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Mohan-Peterson, Sheela
REGISTRATION NUMBER: 41,201
REFERENCE/DOCKET NUMBER: PR-0458 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
TELEFAX: 650-845-4166
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 2038 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: COLNMOT13
CLONE: 1337018
US-11-183-914-18
Alignment Scores:
Pred. No.: 0 Length: 2038
Score: 2338.00 Matches: 434
Percent Similarity: 100.00% Conservative: 1
Best Local Similarity: 99.77% Mismatches: 0
Query Match: 99.83% Indels: 0

DB: 71 Gaps: 0
US-10-803-530-2 (1-435) x US-11-183-914-18 (1-2038)
QY 1 MetAspProAspSerAspGlnProLeuAsnSerIleuAspValIleProLeuArgIlePro 20
DB 200 ATGATCTCTGACAGTATCACTCTGAACAGCTGTGATCCAAACCCCTGCGCAACCC 259
QY 21 ArgIleProMetGlnThrPheArgIleValIleProIleIleIleIleLeuLeuSer 40
DB 260 CGTATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCTATGACCTACTGAGC 319
QY 41 LeuAlaSerIleIleIleValIleValIleuIleValIleuAspIleTyrPhe 60
DB 320 CTGGCAGATATCATCTTGTGTGTTCATCATAGGTGATTCGTGATAATCACTACTTC 379
QY 61 LeuCysGlyGlnProLeuHisPheIleProArgIleGlnLeuCysAspGlyIleuAsp 80
DB 380 CTCTGGCGGCGAGCCTCTCCACTTCATCCGAGGAGCAGCTGTGTACGAGGCTGAGC 439
QY 81 CysProLeuGlyGlnAspGlnGluHisCysValIleSerPheProGlyIleProAlaVal 100
DB 440 TGTCCCTGGGGAGAGACGAGGACCTGTGTCAAGAGCTTCCCGAAGGCTGCAAGT 499
QY 101 AlaValArgLeuSerIleAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsn 120
DB 500 GCAGTCGCGCTCTCCAAAGACCGATCCATCCAGGTGTGTGAGCTCGGCACAGGGAAC 559
QY 121 TrpPheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCysArgGln 140
DB 560 TGTCTCTGCTGCTGTTTCGACCACTTCACAGAAAGCTCTGCTGAGACAGCTTATGAGCAG 619
QY 141 MetGlyTyrSerSerIlePheProThrPheArgAlaValGlnIleGlyProAspGlnAspLeu 160
DB 620 ATGGGCTTACGACGACAAACCACTTTCAGAGCTGTGAGATGTGGCCAGACGAGATCTG 679
QY 161 AspValValGlnIleThrGlnAsnSerGlnIleuArgIleuArgAsnSerSerGlyPro 180
DB 680 GATGTGTGTAAATACAGAAACAGCAGAGACTTCGTCATGCGAACTCAATGGGGCCC 729
QY 181 CysLeuSerGlySerIleuValSerIleuHisCysLeuAlaCysGlyIleuSerIleuValThr 200
DB 740 TGTCTCTCAGGCTCCCTGCTGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 799
QY 201 ProArgValAlaGlyGlyGlnGlnAlaSerValAspSerTrpProTrpGlnValSerIle 220
DB 800 CCCGCTGTGTGGTGGGAGAGAGGCTCTGTGATTCCTTGGCTTGGCAGCATC 859
QY 221 GlnTyrAspIleGlnHisValCysGlyGlySerIleuAspProHisTrpValIleuThr 240
DB 860 CAGTACGACAAACAGCAGCTCTGTGAGGAGATCTGTGACCCCTGAGGCTTCACG 919
QY 241 AlaAlaHisCysPheArgIleValIleThrAspValPheAsnTrpIleValIleValIleVal 260
DB 920 GCAGCCCATGCTTCAAGAAACATACGATGTGTCACTGAGAGGTGCGGGCAGGCTCA 979
QY 261 AspIleLeuGlySerPheProSerIleuAlaValAlaIleIleIleIleIleGlnPheAsn 280
DB 980 GACAAACTGGGACGCTTCCATCTCTGCTGTGGCCAAAGTATCATCATGATTCAC 1039
QY 281 ProMetTyrTrpIleAspAsnAspIleAlaLeuMetIleuGlnPheProLeuThrPhe 300
DB 1040 CCCATGTACCCCAAAAGCAATGACATGCGCTCATGAGGCTGCGACCTCCACTCATCTTC 1099
QY 301 SerGlyThrValArgProIleCysLeuProPhePheAspGlnGlnIleuThrProAlaThr 320
DB 1100 TCAGGCAAGTCAGAGCCCATCTGTCTGCTCTTATATGAGAGCTTCACTCCAGCCACC 1159
QY 321 ProLeuTrpIleIleGlyTrpGlyPheThrIleGlnAsnGlyIleCysMetSerAspIle 340
DB 1160 CCACTCTGATCATTTGATGTGGGCTTTACAGAGCAGATGAGAGGAGATGTCTGACATA 1219
QY 341 LeuLeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyr 360

Db 1220 CTGCTGCAAGGGGTGCTGCTGCAAGTATTCAGACGACAGGGTGTGACAGAGATGCGTAC 1279
Qy 361 GINGLIGLIVAlThrGluLysMetCysAlaGlyIleProGluGlyValAspThr 380
Db 1280 CAGGGGGAAGTCAACGAGAGATGATGTGTGCAAGCATCCCGAAGGGGGTGTGACACC 1339
Qy 381 CysGlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnThrIleValValGly 400
Db 1340 TGCAGGGGTGACAGTGGTGGGCCCTGTGATGTACATGTGACAGTGGCATGTGGTGGGC 1399
Qy 401 IleValSerTyrGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrIleVal 420
Db 1400 ATCGTACTGCGGGGTATGCTGCTGGCGGGGCCGACACCCAGAGTATACCAAGATTC 1459
Qy 421 SerAlaTyrLeuAsnTyrIleTyrAsnValTyrIleValAlaGluLeu 435
Db 1460 TCAGCTATCTCACTGATGATCTACATGTCTGGAAGGCTGAGCTG 1504

RESULT 7
PCT-US02-19297-88
Sequence 88, Application PC/TUS0219297
GENERAL INFORMATION:
APPLICANT: Mack, David H.
APPLICANT: Gish, Kurt C.
APPLICANT: Bos Biotechnology Inc.
TITLE OF INVENTION: Methods of Diagnosis of Ovarian Cancer, Compositions
and Methods of Screening for Modulators of Ovarian
TITLE OF INVENTION: Cancer
FILE REFERENCE: 018501-002420PC
CURRENT APPLICATION NUMBER: PCT/US02/19297
CURRENT FILING DATE: 2002-06-18
PRIOR APPLICATION NUMBER: US 60/299,234
PRIOR FILING DATE: 2001-06-18
PRIOR APPLICATION NUMBER: US 60/315,287
PRIOR FILING DATE: 2001-08-27
PRIOR APPLICATION NUMBER: US 60/317,544
PRIOR FILING DATE: 2001-09-05
PRIOR APPLICATION NUMBER: US 60/350,666
PRIOR FILING DATE: 2001-11-13
PRIOR APPLICATION NUMBER: US 60/372,246
PRIOR FILING DATE: 2001-04-12
NUMBER OF SEQ ID NOS: 164
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 88
LENGTH: 1314
TYPE: DNA
ORGANISM: Homo sapiens
PCT-US02-19297-88

Alignment Scores:
Pred. No.: 0 Length: 1314
Score: 2337.00 Matches: 434
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 99.79% Indels: 0
DB: 1 Gaps: 0

US-10-803-530-2 (1-435) x PCT-US02-19297-88 (1-1314)

Qy 2 AppProAspSerAspGlnProLeuAsnSerLeuAspValIleProLeuArgLysProArg 21
Db 10 GATCTGACAGTGAATCAACCTCTGAAACAGCTCGAATGCAAAACCTCGGCAAAACCCCGT 69
Qy 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuSerLeu 41
Db 70 ATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATACATACATACAGCTG 129
Qy 42 AlaSerIleIleIleValIleValIleValIleValIleValIleValIleValIleVal 61
Db 130 GCGAGATATCATATTGTGTGTGCTCATCAAGTGAATTCGGAATAATACATCTTCCTC 189
Qy 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspIlyGluLeuAspCys 81

Db 190 TGCAGGAGCTCTTCACTTATCATCCCGAGAGAGAGCTGTGTGACGAGAGCTGACATGT 249
Qy 82 ProLeuGlyIleAspGlnGluHisCysValLysSerPheProGluGlyProAlaValAla 101
Db 250 CCGTGGGGAGAGAGAGACAGTGTCTCAAGAGCTTCCCGAAGGGCTGTGACATGGCA 309
Qy 102 ValArgLeuSerTyrAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTyr 121
Db 310 GTCCGCTCTTCAGAGACCGATTCACACTGAGAGTGTGAGACTGGCCACAGGGAACTGG 369
Qy 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 370 TTCTGTGCTGTTCGACAACTTACAGAGCTTCGCTGAGACAGCTGTATGAGCAGATG 429
Qy 142 GlyTyrSerSerTyrProThrPheArgAlaValAlaGluIleGlyProAspGlyAspLeuAsp 161
Db 430 GGTACACAGACAAACCACTTCAGAGCTGTGAGATGGGCCAGACAGATCTGAT 489
Qy 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerGlyProCys 181
Db 490 GTTGTGAATTCAGAAACAGACAGAGCTTCCATGCGGAACTCAAGTGGGCTGT 549
Qy 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
Db 550 CTCTCAGGCTCCCTGTGTCTCCCTGCACTGTCTGTGGGAAGAGCTGAAAGACCCCC 609
Qy 202 ArgValValGlyGlyGluAlaSerValAspSerTyrProTyrGlnValSerIleGln 221
Db 610 CGTGTGGGTGGGGAAGAGAGCTCTGTGATCTTGTGAGCTTGGCAGGTCCAGTCCAG 669
Qy 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTyrValLeuThrAla 241
Db 670 TACAGCAACAGCAGCTGTGTGAGAGAGACATCTGAGACCCCACTGGGTCTTCAGGCA 729
Qy 242 AlaHisCysPheArgLysHisThrAspValPheAsnTyrValArgAlaGlySerAsp 261
Db 730 GCCCATCTCTTCAGAAACATACCGATGTGTTCATCTGGAAGTGTGGGACAGCTCAGAC 789
Qy 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
Db 790 AAACGGGACAGCTTCCATCTCCCTGTGGCCAGATCATCATCATTAATTAACCC 849
Qy 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 850 ATGTACCCCAAGAAAGAAATGATCCCTCATGAAGCTGCACTTCCACTCATCTTCTCA 909
Qy 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
Db 910 GGCACAGTCAGGCCCATCTGTCTGCTGCTCTTCTTGTATGAGAGCTCACTCAGCCACCCCA 969
Qy 322 LeuTyrIleIleGlyTyrGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
Db 970 CTCTGATCATTTGATGGGCTTTTACGAAGCAGATGAGGGGAAGATGTCTACATACCTG 1029
Qy 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1030 CTGCAAGGGGTCACTCAGTCAAGTCAATTGACAGACACAGGTGAATGACAGCATCTGACAG 1089
Qy 362 GlnGluValIleThrGluLysMetCysAlaGlyIleProGluGlyValIleAspThrCys 381
Db 1090 GGGAGAGTCAACGAGAAAGTATGTGTGACAGGATCCCGAAGGGGGTGTGACACCTGC 1149
Qy 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnThrIleValValGlyIle 401
Db 1150 CAGGGTGAAGTGGTGGGCCCTGTATGTACCAATGTGACAGGTGCATGTGTGGGCATTC 1209
Qy 402 ValSerTyrGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrIleValSer 421
Db 1210 GTTACTGTGGGCTATGCTGCGGGGCCCGGACACCCAGAGTATACCAAGATCTCA 1269
Qy 422 AlaTyrLeuAsnTyrIleTyrAsnValTyrIleValAlaGluLeu 435

Db 1270 GCCTATCTCAACTGGATCTACAATGTCCTGGAAGGCTGAGCTG 1311

RESULT 8

US-10-126-052A-448
Sequence 448, Application US/10126052A
GENERAL INFORMATION:
APPLICANT: Aziz, Natascha
APPLICANT: Murray, Richard
APPLICANT: Eos Biotechnology, Inc.
TITLE OF INVENTION: Methods of Diagnosis of Lung Cancer, Compositions and
TITLE OF INVENTION: Methods of Screening for Modulators of Lung Cancer
FILE REFERENCE: 018501-001530US
CURRENT APPLICATION NUMBER: US/10/126, 052A
CURRENT FILING DATE: 2002-04-18
PRIOR APPLICATION NUMBER: US 60/284, 770
PRIOR FILING DATE: 2001-04-18
PRIOR APPLICATION NUMBER: US 60/290, 492
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: US 60/339, 245
PRIOR FILING DATE: 2001-11-09
PRIOR APPLICATION NUMBER: US 60/350, 666
PRIOR FILING DATE: 2001-11-13
PRIOR APPLICATION NUMBER: US 60/334, 370
PRIOR FILING DATE: 2001-11-29
PRIOR APPLICATION NUMBER: US 60/372, 246
PRIOR FILING DATE: 2002-04-12
NUMBER OF SEQ ID NOS: 691
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 448
LENGTH: 1314
TYPE: DNA
ORGANISM: Homo sapiens
US-10-126-052A-448

Alignment Scores:

Pred. No.:	0	Length:	1314
Score:	2337.00	Matches:	434
Percent Similarity:	100.00%	Conservative:	0
Best Local Similarity:	100.00%	Mismatches:	0
Query Match:	99.79%	Indels:	0
DB:	42	Gaps:	0

US-10-803-530-2 (1-435) X US-10-126-052A-448 (1-1314)

QY	2	AspProAsnSerSerArgInpProLeuAsnSerLeuAspValIvsProLeuArgIvsProArg	21
Db	10	GAATCTGCAGCATATCACTCTGAACAACCTTCAGATCAAAACCCCTCGCAAAACCCCGT	69
QY	22	IleProMetClnThrPheArgIvsValIgiYileProIleIleIleAlaLeuLeuSerIeu	41
Db	70	ATCCCATGAGACCTTCAGAAAGGTGGGGAATCCCATCATATGACCTACGTAGCCTG	122
QY	42	AlaSerIleIleIleValValValLeuIleIysValIleLeuAspIlyrTyTyPheIeu	61
Db	130	GCAGATATCATCATGTGGTGTGCTCCATCAAGGATGATTGGATTAATACACTTCCTC	189
QY	62	CysGlyGlnProLeuHisPheIleProArgIvsGlnIleuCyAspGlyGlnLeuAspCys	81
Db	190	TGGGGGAGGCTCTCCACTTCATCCCGAAGAAAGCAGCTGTGAGACGAGACCTGACCTG	249
QY	82	ProLeuGlyGlnAspGlnGlnHisCysValIlySerPheProGlnGlyProAlaValAla	101
Db	250	CCCTTGGGGGAGGACGAGGAGCATGTGTCTAAGAGCTTCCCGAAGGGCCCTGACGTGGCA	309
QY	102	ValArgLeuSerIlyAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp	121
Db	310	GTCGCGCTCTCCAAAGACCGATCCACACGCAAGGTGCTGGCACTCGGCCACAGGGAACCTGG	365
QY	122	PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCysArgGlnMet	141
Db	370	TTCTCTGCGCTGTTTCGACAACTTCAAGAAAGCTTCGCTGAGACAGCCTGTGAGGCAATG	423
QY	142	GlyTyrSerSerIlyAspThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp	161

Db		430	GGCTACGACGACAAACCACTTTACAGACCTGTGAGATTGGCCCAAGACACAGACTTGAT	489
QY		162	ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys	181
Db		490	GTTGTGTAATACACAGAAACAGCCAGAGCTTGACATGCGAACTCAAGTGGGCTCTGT	549
QY		182	LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIlyuSerLeuIlyuThrPro	201
Db		550	CTCTAGGCTCTCCGTGTCCTCTCACTGTCCTTCTCCGTGTGGAAAGACCTGAAACCCCTC	609
QY		202	ArgValValGlyGlyGluGluAlaSerValAspSerThrProIleProGlnValSerIleGln	221
Db		610	CGTGGGTGGGTGGGAGAGGCTCTGTGGATTCTTGAGCTTGAGCTTGAGCATCTCAG	669
QY		222	TyrAspIlyuGlnHisValCysGlyGlySerIleLeuAspProHisThrProValLeuThrAla	241
Db		670	TACAGCAAAACGACAGCTGTGTGGAGGAGACATCTTGACCCCACTGGGTCTTCAACGCA	729
QY		242	AlaHisCysPheArgLysHisIleThrAspValPheAsnTrpIlyuValAlaGlnIleGlySerAsp	261
Db		730	GCCCACTCTCTCAGAGAAACATCCGAGTGTGTCACTCAGAAAGTGGCGGACGCTCAGAC	789
QY		262	LysIleuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsnPro	281
Db		790	AAACTGGGCACTTCCATCTCTGGCTGTGGCCCAAGATCATCATCATTTGAATTCACACCC	849
QY		282	MetTyrProLysAspAsnAspIleAlaIleuMetLysLeuGlnPheProLeuThrPheSer	301
Db		850	ATGTACCCCAAGACATGACATGCTGCTCATGAGCTGACGATTCCTCATCTCATCTTCTCA	909
QY		302	GlyThrValAlaArgProIleCysLeuProPheAspGlnGluLeuThrProAlaThrPro	321
Db		910	GGCACAGTCAGGCCCATCTGTCTGCCCTCTTGTATGAGAGGCTCATCTCAGCCACCCCA	969
QY		322	LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu	341
Db		970	CTCTGATCATTTGATGGGGCTTTACAGAACGATGAGGAAGATGATCTGACATATCTG	1029
QY		342	LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln	361
Db		1030	CTGCAGGGGTGATGCTCAGGTGATTGACAGCACAGGTGCATGACAGATGGCTACAG	1089
QY		362	GlyGluValThrGluLysMetMetCysAlaGlyIleProGlnGlyGlyValAspThrCys	381
Db		1090	GGGGAAGTCACCGAAGAATATGTGTGCAGGATCCCGAAGGGGGTGTGGACACTGC	1149
QY		382	GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValAlaGlyIle	401
Db		1150	CAGGCTGACATGATGGGCCCCCTGATATACATCTACACATGCGCATGTGTGGCATC	1209
QY		402	ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer	421
Db		1210	GTTAGCTGTGGCTATGTGCTGGGGGGCCGAGCACCCCAAGATATACACCAAGTCTCA	1269
QY		422	AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu	435
Db		1270	GCTATATCTCAACTGATCTACAAATGCTCGAAGGCTAGCTG	1311
RESULT 9				
US-10-173-999-88				
; Sequence 88, Application US/10173999				
GENERAL INFORMATION:				
; APPLICANT: Mack, David H.				
; APPLICANT: Gish, Kurt C.				
; TITLE OF INVENTION: Methods of Diagnosis of Ovarian Cancer, Compositions				
; TITLE OF INVENTION: and Methods of Screening for Modulators of Ovarian				
; TITLE OF INVENTION: Cancer				
; FILE REFERENCE: 018501-002420US				
; CURRENT APPLICATION NUMBER: US/10/173, 999				
; CURRENT FILING DATE: 2002-06-17				
; PRIOR APPLICATION NUMBER: US 60/299, 234				


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: PRIOR FILING DATE: 2001-06-18
: PRIOR APPLICATION NUMBER: US 60/315,287
: PRIOR FILING DATE: 2001-08-27
: PRIOR APPLICATION NUMBER: US 60/350,666
: PRIOR FILING DATE: 2001-11-13
: PRIOR APPLICATION NUMBER: US 60/372,246
: PRIOR FILING DATE: 2001-04-12
: NUMBER OF SEQ ID NOS: 163
: SOFTWARE: PatentIn Ver. 2.1
: SEQ ID NO 88
: LENGTH: 1314
: TYPE: DNA
: ORGANISM: Homo sapiens
US-10-173-999-88

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Alignment Scores:	
Pred. No.:	0
Score:	237.00
Percent Similarity:	100.00%
Best Local Similarity:	100.00%
Query Match:	99.79%
DB:	42
Gaps:	0
Length:	1314
Matches:	434
Conservative:	0
Mismatches:	0
Indels:	0
Gaps:	0

US-10-803-530-2 (1-435) X US-10-173-999-88 (1-1314)

OY	2	AspProAspSerAspGlnProLeuAnsSerLeuAspValIleProLeuArgIysProArg	21
Db	10	GATCTTGACAGGATCAACACTTGTGAAGACCTCGATCGAAACCCCTGGCGAAACCCCTG	69
OY	22	IleProMetGlnThrPheArgIysValGlyIleProIleIleAlaLeuAnsSerLeu	41
Db	70	ATCCCATGAGAACCTTCGAAAGGGGGGATCCCATCATCATACACTACTGACCTGTG	129
OY	42	AlaSerIleIleIleValValIleuIleIysValIleLeuAspIlyrTrpPheLeu	61
Db	130	GCGATATCATCATATTGGTGTGCTTCATCAAGGTATTCGTGATTAATATCATCTTC	189
OY	62	CysGlyGlnProLeuHisPheIleProArgIysGlnLeuCysAspGlyIleuAspCys	81
Db	190	TGGGGGAGACCTCTCCACTTCATCCGAGAGAACACTGTGTGATCGAGAGCTGCACTGT	249
OY	82	ProLeuGlyIleuAspGlyIleuHisCysValIysSerPheProGlyIleProAlaValAla	101
Db	250	CCCTTGGGGGAGACGAGAGCACTGTGTCAAGAGTTCCCGAAGGGCTGTGAGTGCA	309
OY	102	ValArgLeuSerIleAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp	121
Db	310	GTCGGCTTCCAAAGAACCGATTCACATGCGAGTGTGATCTCGGCGACAGGAACTGG	369
OY	122	PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGluThrAlaCysArgGlnMet	141
Db	370	TTCTCTGCTGTTTGCACAACCTTCACAGAAAGCTCTCGCTGAGACAGCTGTGAGGCAAGT	429
OY	142	GlyTrpSerSerIleAspProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp	161
Db	430	GGCTACAGAGCAAAACCACTTCAAGAGCTGTGAGATTTGGCCCAAGCCAGAACTTGAT	489
OY	162	ValIleAlaGlnIleThrGluAnsSerGlnIleuArgMetArgAnsSerGlyProCys	181
Db	490	GTTGTTGAATACACAAAAACAGCCAGAGCTTCGATGCGAACTCAATGGGGCCCTGT	549
OY	182	LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIlysSerLeuIysThrPro	201
Db	550	CTCTCAGGGCTCCCTGGTCTCCCTGCACGTGCTTGGCTGTGGAAAGACCTGGAAGACCCC	609
OY	202	ArgValIleAlaGlyIleGluGlnAlaSerValAspSerTrpProTrpGlnValSerIleGln	221
Db	610	CGGTGTGTGGGTGGGAGGAGGCTCTGTGCAATCTTGAGCTTGGCAGGTACAGCATCCAG	669
OY	222	TrpAspIlyGlnHisValCysGlyGlySerIleLeuAspProHisTrpPheValLeuThrAla	241
Db	670	TTGCACAAAACAGACCTGTGTGAGGGAGGATCCTTGAGACCCCACTGGGTCTTCACAGCA	729

QY	242	AlaHisCysPheAspGlySerHisAspValPheAsnTrpValArgAlaGlySerAsp	261
Db	730	GCCCACTGCTTTCAGAAACATCCGATGTGTTCACACTGGAAAGTGGGGGACGCTCAGAC	789
QY	262	LeuLeuGlySerPheProSerLeuAlaValAlaIleIleIleIleGluPheAsnPro	281
Db	790	AAACTGGGACGCTTCCATCCCTGGCTGTGGCCAAAGATCATCATATTGAATTCAAACCC	849
QY	282	MetTrpProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer	301
Db	850	ATGTATCCCAAGACAAATGACATCGCCCTCATGTAAAGTGCAGTTCCACTCATCTTCTCA	909
QY	302	GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro	321
Db	910	GGCAGCAGTCAAGCCCATCTGTCTGCCCTTCTTATATAGAGAGCTCATCTCCAGCCACCCA	969
QY	322	LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu	341
Db	970	CTCTGGATTCATTTGATGTGGGCTTTACAGAAAGAGATGAGAGGAGATGTCTGACATACCTG	1029
QY	342	LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpGln	361
Db	1030	CTGCAGCGGTGACGCTCAGCTCATTTGACAGCACACGGGTGCATGTACAGAAAGCCGTACAG	1089
QY	362	GlyValValThrGlyLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys	381
Db	1090	GGGGAAGTCACCGAAGAAATGATGTGTGCAGAGCATCCCGAAGGGGGGTGTGACACTCTGC	1149
QY	382	GlnGlyAspSerGlyGlyProLeuMetTrpGlnSerAspGlnTrpHisValAlaGlyIle	401
Db	1150	CAGGGTACAGTGTGTGGCCCTCTGATGTACCAATCTGACACAGTGGCANTGTGTGGGCACT	1209
QY	402	ValSerTrpGlyTrpGlyCysGlyGlyProSerThrProGlyValTrpThrLysValSer	421
Db	1210	GTTAGCTGGGCTATATGGCTGTGGGGGCCGAGACCCACAGAGATATACACCAAGGTCTCA	1269
QY	422	AlaTrpLeuAsnTrpIleTrpAsnValTrpLysAlaGluLeu	435
Db	1270	GCTTATCTCAACTGGATCTCAATGTCTGAAAGGCTGAGCTG	1311
RESULT 10			
US-10-295-027-133			
Sequence 133, Application US/10295027			
GENERAL INFORMATION:			
APPLICANT: Afar, Daniel			
APPLICANT: Aziz, Natasha			
APPLICANT: Ginsberg, Wendy M.			
APPLICANT: Gish, Kurt C.			
APPLICANT: Glynn, Richard			
APPLICANT: Hevezl, Peter A.			
APPLICANT: Mack, David H.			
APPLICANT: Murray, Richard			
APPLICANT: Watson, Susan R.			
APPLICANT: Bob Biotechnology, Inc.			
TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and			
TITLE OF INVENTION: Methods of Screening for Modulators of Cancer			
FILE REFERENCE: 018501-012500US			
CURRENT APPLICATION NUMBER: US/10/295, 027			
CURRENT FILING DATE: 2002-11-13			
PRIOR APPLICATION NUMBER: US 09/663, 733			
PRIOR FILING DATE: 2000-09-15			
PRIOR APPLICATION NUMBER: US 60/350, 666			
PRIOR FILING DATE: 2001-11-13			
PRIOR APPLICATION NUMBER: US 60/335, 394			
PRIOR FILING DATE: 2001-11-15			
PRIOR APPLICATION NUMBER: US 60/332, 464			
PRIOR FILING DATE: 2001-11-21			
PRIOR APPLICATION NUMBER: US 60/334, 393			
PRIOR FILING DATE: 2001-11-29			
PRIOR APPLICATION NUMBER: US 60/340, 376			
PRIOR FILING DATE: 2001-12-14			
PRIOR APPLICATION NUMBER: US 60/347, 211			
PRIOR FILING DATE: 2002-01-08			

; PRIOR APPLICATION NUMBER: US 60/347,349
 ; PRIOR FILING DATE: 2002-01-10
 ; PRIOR APPLICATION NUMBER: US 60/355,250
 ; PRIOR FILING DATE: 2002-02-08
 ; PRIOR APPLICATION NUMBER: US 60/356,714
 ; PRIOR FILING DATE: 2002-02-13
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 1386
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 133
 ; LENGTH: 1314
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-295-027-133

Alignment Scores:

Pred. No.:	0	Length:	1314
Score:	2337.00	Matches:	434
Percent Similarity:	100.00%	Conservative:	0
Best Local Similarity:	100.00%	Mismatches:	0
Query Match:	99.79%	Indels:	0
DB:	44	Gaps:	0

US-10-803-530-2 (1-435) x US-10-295-027-133 (1-1314)

Qy	2	AspProAspSerAspGlnProLeuAsnSerLeuAspVallyysProLeuArglyProArg	21
Db	10	GATCTGACAGTATGATCAACCTCTGACAGCCTCGATGCAAACTCCGCGAACCCTG	69
Qy	22	ILEProMetGluThrPheArglyValylleProillellelealeuLeuSerleu	41
Db	70	ATCCCCATGGAGACCTTCAGAAAGTGGGGATCCCATCATCATAGACATCTAGCCTG	129
Qy	42	AlaSerlleillelleValleValleulleyleValilleleuAspIlyrlyrlyrPheLeu	61
Db	130	GCGAGTATCATGATGAGTGTGCTCATCAAGGTGATTCGAGAAATACTACTCTCTC	189
Qy	62	CysGlyGlnProLeuHisPheIleProArglyGlnLeuCysAspGlyGlnLeuAspCys	81
Db	190	TGGGGGAGGCTCTCCACTTCATCCCGAGAGAGAGCTGTGTACGAGAGCTGACTGT	249
Qy	82	ProLeuGlyGlnAspGlyGlnHisCysVallyysSerPheProGlyProAlaValAla	101
Db	250	CCCTTGGGGAG	309
Qy	102	ValArgLeuSerIlyAspArgSerThrLeuGlnValleuAspSerAlamhryAsnTrp	121
Db	310	GTCGGCTCTCCAG	369
Qy	122	PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnTrpAlaCysArgGlnMet	141
Db	370	TTCTCTCCTGTTTCGACCACTTCACAGAGCTTCCTGAGACAGCTGTAGGCAATG	429
Qy	142	GlyThrSerSerIlysProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp	161
Db	430	GCGTACGAG	489
Qy	162	ValValGlnIleThrGlnAsnSerGlnGlnLeuArgMetArgAsnSerSerGlyProCys	181
Db	490	GTGTGTGAATTCAG	549
Qy	182	LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIlySerLeuIlyrlyrPro	201
Db	550	CTCTCAGAGCTCCCGGTCTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG	609
Qy	202	ArgValValGlnIlyGlyGlnGlnAlaSerValAspSerTrpProTrpGlnValSerIleGln	221
Db	610	GGT	669
Qy	222	TyrAspIlySerGlnHisValCysGlyIlySerIleLeuAspProHisTrpValleuThrAla	241
Db	670	TACGACAAACAGACAGTCTGT	729

Qy	242	AlaHisCysPheArglyValylleThrAspValPheAsnTrpIlyValArgAlaGlySerAsp	261
Db	730	GCCCACTGCTTCAGAGAAACATACCATGTGTAACTGGAGAGGTGGGAGGCTCAGAC	789
Qy	262	IlyLeuGlySerPheProSerLeuAlaValAlaIlylleillelleIleGlnPheAsnPro	281
Db	790	AACTGGGAGAGCTTCCTCCATCCCTGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT	849
Qy	282	MetTrpProIlyAspAsnAspIleAlaLeuMetIlyLeuGlnPheProLeuThrPheSer	301
Db	850	ATGATCCCAAAACATATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT	909
Qy	302	GlyThrValArgProIleCysLeuProPheAspGlnGlnLeuThrProAlaThrPro	321
Db	910	GGCACGTACAGCCCATGT	969
Qy	322	LeuTrpIlelleGlyTrpGlyPheThrIlyGlnAsnGlyIlyIlyMetSerAspIleLeu	341
Db	970	CTCTGATCATGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT	1029
Qy	342	LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaIlyGln	361
Db	1030	CTCAGGCGTCAGTCCAGGTTCATTCACAGACAGGTGCAATTCACAGACATGCTACAG	1089
Qy	362	GlyGlnValThrGlnIlyMetMetCysAlaGlyIleProGlnGlyIlyValAspThrCys	381
Db	1090	GGGGAATCACCCAGAGAGATGATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT	1149
Qy	382	GlnGlyAspSerGlyIlyProLeuMetIlyGlnSerAspGlnTrpHisValGlyIle	401
Db	1150	CAGGTGACAGT	1209
Qy	402	ValSerTrpGlyTrpIlyCysGlyIlyProSerThrProGlyValTrpThrIlyValSer	421
Db	1210	GTTAGCTGGGCTATGCTGTGGGGGCTCCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG	1269
Qy	422	AlaTrpLeuAsnTrpIleTrpAsnValTrpIlyAlaGlnLeu	435
Db	1270	GCTATCTCACTGATTCATTCATTCATTCATTCATTCATTCATTCATTCATTCATTCATTC	1311

RESULT 11
 US-10-295-027-778
 ; Sequence 778, Application US/10295027
 ; GENERAL INFORMATION:
 ; APPLICANT: Afar, Daniel
 ; APPLICANT: Aziz, Natascha
 ; APPLICANT: Ginsberg, Wendy M.
 ; APPLICANT: Gish, Kurt C.
 ; APPLICANT: Glynn, Richard
 ; APPLICANT: Hevezl, Peter A.
 ; APPLICANT: Mack, David H.
 ; APPLICANT: Murray, Richard
 ; APPLICANT: Watson, Susan R.
 ; APPLICANT: Bos Biotechnology, Inc.
 ; TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and
 ; FILE REFERENCES: 018501-012500US
 ; CURRENT APPLICATION NUMBER: US/10/295,027
 ; CURRENT FILING DATE: 2002-11-13
 ; PRIOR APPLICATION NUMBER: US 09/663,733
 ; PRIOR FILING DATE: 2000-09-15
 ; PRIOR APPLICATION NUMBER: US 60/350,666
 ; PRIOR FILING DATE: 2001-11-13
 ; PRIOR APPLICATION NUMBER: US 60/335,394
 ; PRIOR FILING DATE: 2001-11-15
 ; PRIOR APPLICATION NUMBER: US 60/332,464
 ; PRIOR FILING DATE: 2001-11-21
 ; PRIOR APPLICATION NUMBER: US 60/334,393
 ; PRIOR FILING DATE: 2001-11-29
 ; PRIOR APPLICATION NUMBER: US 60/340,376
 ; PRIOR FILING DATE: 2001-12-14
 ; PRIOR APPLICATION NUMBER: US 60/347,211
 ; PRIOR FILING DATE: 2002-01-08

PRIOR APPLICATION NUMBER: US 60/347,349
PRIOR FILING DATE: 2002-01-10
PRIOR APPLICATION NUMBER: US 60/355,250
PRIOR FILING DATE: 2002-02-08
PRIOR APPLICATION NUMBER: US 60/356,714
PRIOR FILING DATE: 2002-02-13
Remaining Prior Application data removed - See File Wrapper or PAM.
NUMBER OF SEQ ID NOS: 1386
SOFTWARE: Patent Ver. 2.1
SEQ ID NO 778
LENGTH: 1314
TYPE: DNA
ORGANISM: Homo sapiens
US-10-295-027-778

Alignment Scores:
Pred. No.: 0 Length: 1314
Score: 2337.00 Matches: 434
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 99.79% Indels: 0
DB: 44 Gaps: 0

US-10-803-530-2 (1-435) x US-10-295-027-778 (1-1314)

QY 2 AAPPPOAASerAAspGlnProLeuAAserLeuAAspValAAspProLeuAAspProAAsp 21
DB 10 GATCTGACAGTGAACCACTCTGTAACAGCCCTGATGTAACCACTCTGTAACCACTCTGTAAC 69
QY 22 ILeProMetGlnThrPheArgLysValGlyLeuProLeuAAspValAAspProLeuAAsp 41
DB 70 ATCCCAAGAGAGCTTCAAGAAAGTGGGATCCCAATCATATATGCACTACTGAGCTTG 129
QY 42 AAserIleIleIleValValValValValValValValValValValValValValValVal 61
DB 130 GCGAGTATCATATGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTT 189
QY 62 CysGlyGlnProLeuAAspGlnProLeuAAspGlnProLeuAAspGlnProLeuAAspGln 81
DB 190 TGCGGCGAGCCCTCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCT 249
QY 82 ProLeuGlyGlnAAspGlnAAspGlnAAspGlnAAspGlnAAspGlnAAspGlnAAspGln 101
DB 250 CCTTGGGGAG 309
QY 102 ValArgLeuSerLysAAspAAspSerThrLeuGlnValAAspAAspSerLysAAspAAsp 121
DB 310 GTCCGCTCTCCAG 369
QY 122 PheSerAAspAAspAAspAAspAAspAAspAAspAAspAAspAAspAAspAAspAAsp 141
DB 370 TTCTCTGCTCTGCTCTGCTCTGCTCTGCTCTGCTCTGCTCTGCTCTGCTCTGCTCTGCTCT 429
QY 142 GlyTyrSerSerLysProThrPheArgLysValAAspGlnProLeuAAspGlnAAspGln 161
DB 430 GCTACAG 489
QY 162 ValValGlnIleThrGlnAAspGlnAAspGlnAAspGlnAAspGlnAAspGlnAAspGln 181
DB 490 GTTGTGTAATCAACAGAAACAG 549
QY 182 LeuSerGlySerLeuValSerLeuValSerLeuValSerLeuValSerLeuValSerLeu 201
DB 550 CTCTAGAGGCTCTCTGCT 609
QY 202 ArgValValGlyGlyGlnValAAspSerValAAspSerProThrGlnValSerLeuGln 221
DB 610 CGT 669
QY 222 TyrAAspLysGlnIleValAAspGlySerIleLeuAAspProIleThrValLeuThrala 241
DB 670 TACGACAAACAGACAGTCTGT 729

QY 242 AlaHisCysPheArgLysHisIleThrAAspValPheAAspIleValAAspGlySerAAsp 261
DB 730 GCCACCTGCTTCAAGAAACATACCGATGTTTCAACTGAAAGTGGCGAGGCTCAAC 789
QY 262 LysLeuGlySerPheProSerLeuValAAspIleIleIleIleIleIleIleIleIleIle 281
DB 790 AAATCGGACAGCTTCCATCCCTGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 849
QY 282 MetTyrProLysAAspAAspIleAAspLeuMetLysLeuGlnPheProLeuThrPheSer 301
DB 850 ATGTACCCCAAGCAATGATGATGCTCTCATGAAAGCTGCACTTCCATCTCA 909
QY 302 GlyThrValArgProIleCysLeuProPhePheAAspGlnGlnLeuThrProAAspPro 321
DB 910 GGCACAGTCAAGCCCATCTGCT 969
QY 322 LeuTrpIleIleGlyTyrGlyPheThrLysGlnAAspGlyLysMetSerAAspIleLeu 341
DB 970 CTCTGATCATTTGATGAGGCTTTACAGAGAGATGAGAGAGATGATGATGATGATGATGATGAT 1029
QY 342 LeuGlnAAspValGlnValIleAAspSerThrArgCysAAspAAspAAspAAspAAsp 361
DB 1030 CTGAGGCGTCAAGTCAAGTCAATGACAGCACGAGTCAATGACAGCATGCTTACAG 1089
QY 362 GlyGluValThrGlnLysMetMetCysAAspGlyIleProGlnGlyValAAspThrCys 381
DB 1090 GGGAGATCACAGAAATATATGTGTGACAGCATCCGGAAGGGGCTGTGACACCTGCTG 1149
QY 382 GlnGlyAAspSerGlyGlyProLeuMetTyrGlnSerAAspGlnTrpHisValAAspIle 401
DB 1150 CAGGCTGACATGT 1209
QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
DB 1210 GTTAGCTGCGGCTATGT 435
QY 422 AlaTyrLeuAAspTrpIleTyrAAspValTrpLysAAspGlnLeu 435
DB 1270 GCTATCTCACTGATCTACATGTCTGAAAGGCTGAGCTG 1311

RESULT 12
US-10-295-027-790
Sequence 790, Application US/10295027
GENERAL INFORMATION:
APPLICANT: Afar, Daniel
APPLICANT: Aziz, Natasha
APPLICANT: Ginsberg, Wendy M.
APPLICANT: Gish, Kurt C.
APPLICANT: Glynn, Richard
APPLICANT: Hevez, Peter A.
APPLICANT: Mack, David H.
APPLICANT: Murray, Richard
APPLICANT: Watson, Susan R.
APPLICANT: Eos Biotechnology, Inc.
TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and
TITLE OF INVENTION: Methods of Screening for Modulators of Cancer
FILE REFERENCE: 018501-012500US
CURRENT APPLICATION NUMBER: US/10/295,027
PRIOR FILING DATE: 2002-11-13
PRIOR APPLICATION NUMBER: US 09/663,733
PRIOR FILING DATE: 2000-09-15
PRIOR APPLICATION NUMBER: US 60/350,666
PRIOR FILING DATE: 2001-11-13
PRIOR APPLICATION NUMBER: US 60/335,394
PRIOR FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: US 60/332,464
PRIOR FILING DATE: 2001-11-21
PRIOR APPLICATION NUMBER: US 60/334,393
PRIOR FILING DATE: 2001-11-29
PRIOR APPLICATION NUMBER: US 60/340,376
PRIOR FILING DATE: 2001-12-14
PRIOR APPLICATION NUMBER: US 60/347,211
PRIOR FILING DATE: 2002-01-08

;; PRIOR APPLICATION NUMBER: US 60/347,349
;; PRIOR FILING DATE: 2002-01-10
;; PRIOR APPLICATION NUMBER: US 60/355,250
;; PRIOR FILING DATE: 2002-02-08
;; PRIOR APPLICATION NUMBER: US 60/356,714
;; PRIOR FILING DATE: 2002-02-13
;; Remaining Prior Application data removed - See File Wrapper or PAM.
;; NUMBER OF SEQ ID NOS: 1386
;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO: 790
;; LENGTH: 1314
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-295-027-790

Alignment Scores:

Pred. No.:	0	Length:	1314
Score:	2337.00	Matches:	434
Percent Similarity:	100.00%	Conservative:	0
Best Local Similarity:	100.00%	Mismatches:	0
Query Match:	99.79%	Indels:	0
DB:	44	Gaps:	0

US-10-803-530-2 (1-435) x US-10-295-027-790 (1-1314)

QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIysProLeuArgIysProArg 21
DB 10 GATCTGACAGTGTATCAACCTCTGACAGCTTCATGTCACAAACCCCTGGCAACCCCTG 69
QY 22 ILeProMeGlnThrPheArgIysValGlyLeuProIleIleIleValLeuLeuSerLeu 41
DB 70 ATCCCCATGAGACCTTCAGAAAGTGGGAGATCCCATCATCATAGACATCTAGACTG 129
QY 42 AlAserIleIleIleValValValIleValIleValIleValIleValIleValIleVal 61
DB 130 GCGAGTATCATCATGTGGTGTCTCTCATCAAGGTGATTCGATTAATCTACTCTCTC 189
QY 62 CysGlyGlnProLeuHisPheIleProArgIysGlnLeuCysAspGlyGlnLeuAspCys 81
DB 190 TGGGGGAGGCTCTCCACTTCATCCCGAGAGAGAGCTGTGTACGAGAGCTGACTGT 249
QY 82 ProLeuGlyGlnAspGlnIleHisCysValIysSerPheProGlnIleProAlaValAla 101
DB 250 CCCTTGGGGGAGGAGCGAGAGACATGTGTCAAGAGCTTCCCGAAGGGCTGCGAGTGGCA 309
QY 102 ValArgLeuSerIysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
DB 310 GTCCGGCTCTCCAAAGAACCGATCCACTGAGGTGCTGAGCTGGCCACAGGGAGACTGG 369
QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCysArgGlnMet 141
DB 370 TTCTCTGCTGTTCGACAACTTCACAGAGCTCTCCCTGAGAGACGCTGTAGGCAATG 429
QY 142 GlyTyrSerSerIysProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp 161
DB 430 GGCTACAGCAGCAACCCACTTTCAGAGCTGTGAGATGGCCACAGACCGATCTGGAT 489
QY 162 ValValGlnIleThrGlnAsnSerGlnIleuArgMetArgAsnSerSerGlyProCys 181
DB 490 GTGTGTAATTCAGAAACAGCAAGAGAGTGTGCAGTGCAGAACTCAAGTGGGCTCTGT 549
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIysSerLeuIysThrPro 201
DB 550 CTCTCAAGGCTCCCGTGGTCTCCCTGCACTGTCTTCCCTGTGGAGAGACCTGGAACCC 609
QY 202 ArgValValGlyGlyGlnIleValSerValAspSerTrpProTrpGlnValSerIleGln 221
DB 610 CGTGTGTGGGTGGGAGAGGGCTCTGTGATTCCTTGGCTTGGCAGGTACAGATCAG 669
QY 222 TyrAspIysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValIleThrAla 241
DB 670 TAGACAAACAGCAGTGTGTGTGGAGAGCATCTCGAACCCCACTGGGCTCTCAGGCA 729

QY 242 AlHisCysPheArgIysHisThrAspValPheAsnTrpIysValArgAlaIysSerAsp 261
DB 730 GCCCACTGCTTCAGAGAACTATCCAGATGTGTTCATCTGGAAGGTGGGGCAAGCTCAGAC 789
QY 262 IysLeuGlySerPheProSerLeuAlaValAlaIysIleIleIleIleGlnPheAsnPro 281
DB 790 AAATGGGAGGCTTCCCATCCCTGGCTGTGGCCCAAGATCATCATTTGATTCACACCCC 849
QY 282 MetTyrProIysAspAsnAspIleAlaLeuMetIysLeuGlnPheProLeuThrPheSer 301
DB 850 ATGTACCCCAAAACATGACATGACATGCGCTCATGAACTGAGATGCCACTCATCTTCTCA 909
QY 302 GlyThrValArgProIleCysLeuProPheAspGlnIleuThrProAlaThrPro 321
DB 910 GGACAGTCAAGGCCCATCTGTCTGCTCCCTTCTTGAATGAGAGCTCATCCAGCCACCCCA 969
QY 322 LeuTrpIleIleGlyTyrGlyPheThrIysGlnAsnGlyIysIysMetSerAspIleLeu 341
DB 970 CTCTGATCATTTGATGGGCTTTTACAGACAGATGAGAGGAAAGATGCTGACATATG 1029
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
DB 1030 CTGACGGCTGCACTTCAGATTCATTTGACAGCACGGGTGCAATGCAACATGCTGCCAG 1089
QY 362 GlyIleValThrGlnIysMetMetCysAlaGlyIleProGlnIleGlyValAspThrCys 381
DB 1090 GGGAGATGACCCAGAAAGATGATGTGTGACAGCATCCCGAAGGGGTGTGGACACTGG 1149
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401
DB 1150 CAGGGTGACATGTGTGGGCGCCCTGATGTACATCATGACAGAGGATGATGGTGGGCATC 1209
QY 402 ValSerTrpGlyTyrGlyCysGlyIysProSerThrProGlyValIleThrIysValSer 421
DB 1210 GTTAGCTGGGGCTATGATGCTGGGGGGCCCGAGACCCCAAGATATACACAAAGTCTCA 1269
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpIysAlaGlnLeu 435
DB 1270 GCTTATCTCAACTGATCTACATGTCTGGAAGCTGAGCTG 1311

RESULT 13
US-10-295-027-830
Sequence 830, Application US/10295027
GENERAL INFORMATION:
APPLICANT: Afar, Daniel
APPLICANT: Aziz, Natasha
APPLICANT: Ginsberg, Wendy M.
APPLICANT: Gish, Kurt C.
APPLICANT: Glynn, Richard
APPLICANT: Hevezi, Peter A.
APPLICANT: Mack, David H.
APPLICANT: Murray, Richard
APPLICANT: Watson, Susan R.
APPLICANT: Kos Biotechnology, Inc.
TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and
TITLE OF INVENTION: Methods of Screening for Modulators of Cancer
FILE REFERENCE: 018501-012500US
CURRENT APPLICATION NUMBER: US/10/295,027
CURRENT FILING DATE: 2002-11-13
PRIOR APPLICATION NUMBER: US 09/663,733
PRIOR FILING DATE: 2000-09-15
PRIOR APPLICATION NUMBER: US 60/350,666
PRIOR FILING DATE: 2001-11-13
PRIOR APPLICATION NUMBER: US 60/335,394
PRIOR FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: US 60/332,464
PRIOR FILING DATE: 2001-11-21
PRIOR APPLICATION NUMBER: US 60/334,393
PRIOR FILING DATE: 2001-11-29
PRIOR APPLICATION NUMBER: US 60/340,376
PRIOR FILING DATE: 2001-12-14
PRIOR APPLICATION NUMBER: US 60/347,211
PRIOR FILING DATE: 2002-01-08

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PRIOR APPLICATION NUMBER: US 60/347,349
PRIOR FILING DATE: 2002-01-10
PRIOR APPLICATION NUMBER: US 60/355,250
PRIOR FILING DATE: 2002-02-08
PRIOR APPLICATION NUMBER: US 60/356,714
PRIOR FILING DATE: 2002-02-13
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 1386
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 830
LENGTH: 1314
TYPE: DNA
ORGANISM: Homo sapiens
US-10-295-027-830

Alignment Scores:
Pred. No.: 0 Length: 1314
Score: 2337.00 Matches: 434
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 99.79% Indels: 0
DB: 44 Gaps: 0

US-10-803-530-2 (1-435) x US-10-295-027-830 (1-1314)
QY 2 AAPPPOAASPPASPPGPIINPLEUASNSERLEUASPPVALLYPPROLEUARGLYPPROARG 21
DB 10 GATCCTGACAGTATCAACCTCTGAAACAGCCCTGATGTCACAAACCCCTCGCAACCCCGT 69
QY 22 ILEPROMETGUTHPHARGPLYSVALGILYILEPPOILELLELALALEUENSERLEU 41
DB 70 ATCCCAATGAGACCTTCAGAAAGGTGGGATCCCAATCATATATGACATCTAGGCTG 129
QY 42 AASERILLELELVALVALLEULEYVALLEUASPPLYSTYTPHELEU 61
DB 130 GCGAATATCATATGTTGTTGTTCTCTCATCAAGGATCTTGATTAATACTACTCTCTC 189
QY 62 CYSGLYGINPROLEUHIAPHELEPPROARGLYSGINLEUCYASPPGLYLEUASPPCY 81
DB 190 TGGCGGACAGCTCTCCACTTCATCCCGAGGAGAGCTGTGTGACGAGAGCTGACTGT 249
QY 82 PROLEUGLYGILUASPPGLIINHIACYSVALLYSSEPPHEPPROGLIYPROLAVALA 101
DB 250 CCTTGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 309
QY 102 VALARGLESERLYSPPASPPASPPASPPASPPASPPASPPASPPASPPASPPASPP 121
DB 310 GTCCGCTCTCCAAAGGACCGATCCACAGCTGCTGAGACTCGGCCACAGGAGACTGG 369
QY 122 PHESEALACYPHEAPAPAPAPAPAPAPAPAPAPAPAPAPAPAPAPAPAPAPAPAP 141
DB 370 TTCTCTGCTGTTTGGACAACTTCAAGAACTCTCGTGAAGACAGCTGTAGGAGATG 429
QY 142 GILYTPYSSERLYPPROTHPPHARGALAVAGILILEGILYPROASPPGILNAPLEU 161
DB 430 GGCCTACAGAGCAACCCCACTTTCAGAGCTGTGAGATTTGGCCCAACAGAGATCTG 489
QY 162 VALVALGILILETHGJUBASPPASPPASPPASPPASPPASPPASPPASPPASPP 181
DB 490 GTTGTGTAATCAACAAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 549
QY 182 LEUSERGLYSERLEUVALSERLEUHIACYSLEUVALCYSGLYLYSSEPPASPP 201
DB 550 CTCTCAGGCTCCCTGCTCTCCCTGCACTGTCTTGGCTGTGGGAAAGCTGAAAGCCCC 609
QY 202 ARGVALVALGILYGINLUNIASERVALASPPSTPPROTHGILNVALSERILEGIN 221
DB 610 CGTGTGTGTGGTGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 669
QY 222 TYRASPGLYGLNHIASVALCYSGLYGILYSERILEUASPPROHISTPPVALLEUTHRA 241
DB 670 TAGCAACAAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 729

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QY 242 ALAHIECYSPHEARGLYSHIETHAPVALPHEASNTPLYSVALARGALGLYSERASP 261
DB 730 GCCCACTGCTTACGAAACATACCATGATGTCTTCAACGAAAGGTGGGAGGCTTGAC 789
QY 262 LYLEUGLISERPPHPPROSERLEUVALVALYSELLELLELLELLELLELLELLEL 281
DB 790 AACTGGGAGCTTCCATCTCCGCTGGCTGGCCCAAGATCATCATATTAATTAACCCC 849
QY 282 METTPROLYSAPAPAPAPAPAPAPAPAPAPAPAPAPAPAPAPAPAPAPAPAPAP 301
DB 850 ATGTACCCCAAGACATGATGATGATGATGATGATGATGATGATGATGATGATGAT 909
QY 302 GILYTHVALARGPROLIECYSEUPOPHAPASPPGLIINLEUTHPPROALETHPPRO 321
DB 910 GGCACATGACAGGCCCATCTGTCTGCTCTTCTTATGAGAGACTCATCCAGCACCCCA 969
QY 322 LEUTPLILELLEGLYTPGILYPPHETHLYSGILNANGLYGLYLYSMETSERAPDLEU 341
DB 970 CTCTGATCATTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1029
QY 342 LEUGLNASERVALGINVALILEASPPSTHARGCYASAPALASPPALASTYGLIN 361
DB 1030 CTGAGAGGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1089
QY 362 GILYGLUVALTHRGILYMETMETCYALAGIYILEPPOGLIYGLYVALASPPTRCY 381
DB 1090 GGGAGATGACCGAAGAGATGATGATGATGATGATGATGATGATGATGATGATGAT 1149
QY 382 GINGLYASPPSERGLYLYPPROLEUMETTYGINSERAPGINTPHILVALVALGILY 401
DB 1150 CAGGATGACAGTGTGTGGGCTCCCTGATGATGATGATGATGATGATGATGATGATG 1209
QY 402 VALSERTPGILYTPGILYCYSGLYGILYPROSETHPPROGLIYVALYTPHETHY 421
DB 1210 GTTAGCTGGGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1269
QY 422 ALATYRLEUASNTPLIETYPASVALTPPLYSVALIUGLEU 435
DB 1270 GCCTATCTCACTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1311

RESULT 14
US-10-295-027-979
Sequence 979, Application US/10295027
GENERAL INFORMATION:
APPLICANT: Afar, Daniel
APPLICANT: Aziz, Natasha
APPLICANT: Ginsberg, Wendy M.
APPLICANT: Gish, Kurt C.
APPLICANT: Glynn, Richard
APPLICANT: Hevez, Peter A.
APPLICANT: Mack, David H.
APPLICANT: Murray, Richard
APPLICANT: Watson, Susan R.
APPLICANT: Bos Biotechnology, Inc.
TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and
FILE REFERENCE: 018501-012500US
CURRENT APPLICATION NUMBER: US/10/295,027
PRIOR FILING DATE: 2002-11-13
PRIOR APPLICATION NUMBER: US 09/663,733
PRIOR FILING DATE: 2000-09-15
PRIOR APPLICATION NUMBER: US 60/350,666
PRIOR FILING DATE: 2001-11-13
PRIOR APPLICATION NUMBER: US 60/335,394
PRIOR FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: US 60/332,464
PRIOR FILING DATE: 2001-11-21
PRIOR APPLICATION NUMBER: US 60/334,393
PRIOR FILING DATE: 2001-11-29
PRIOR APPLICATION NUMBER: US 60/340,376
PRIOR FILING DATE: 2001-12-14
PRIOR APPLICATION NUMBER: US 60/347,211
PRIOR FILING DATE: 2002-01-08

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; PRIOR APPLICATION NUMBER: US 60/347,349
; PRIOR FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: US 60/355,250
; PRIOR FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: US 60/356,714
; PRIOR FILING DATE: 2002-02-13
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1386
; SOFTWARE: Patent Ver. 2.1
; SEQ ID NO 979
; LENGTH: 1314
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-295-027-979

Alignment Scores:
Pred. No.: 0 Length: 1314
Score: 2337.00 Matches: 434
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 99.79% Indels: 0
DB: 44 Gaps: 0

US-10-803-530-2 (1-435) x US-10-295-027-979 (1-1314)
QY 2 AspProAspSerAspGlnProLeuAnSerLeuAspVallyProLeuArglyProArg 21
DB 10 GATCTGACAGTGATCAACCTCTGACAGCTCGATGCAAACTCCGCGCAACCCCGT 69
QY 22 LLeProMetGlnThrPheArglyValGlyLeProIleIleIleAlaLeuLeuSerLeu 41
DB 70 ATCCCAAGAGACCTTCAGAAAGTGGGAGTCCCATCATCATAGCATCTAGAGCTG 129
QY 42 AlAserIleIleIleValValValIleuIleuValIleuAspIleuValIleuVal 61
DB 130 GCGAGTATCATATGTTGTTGTTGTTCTCATCAAGGTGATTCGATTAATCTACTCTC 189
QY 62 CysGlyGlnProLeuHISpHeIleProArglyGlnLeuCysAspGlyGlnLeuAspCys 81
DB 190 TGGGGAGAGCTCTCCACTTCATCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 249
QY 82 ProLeuGlyGlnAspGlnGlnHISpHeIleProArglyGlnLeuCysAspGlyGlnLeu 101
DB 250 CCTTGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 309
QY 102 ValArgLeuSerIleAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
DB 310 GTCCGCTCTCCAAAGACCATTCAGAGCTGTGAGATGGCCAGACAGAGAGAGAGAG 369
QY 122 PheSerAlaCysPheAspAspPheThrGlnAlaLeuAlaGlnThrAlaCysArgGlnMet 141
DB 370 TTCTCTGCTGTTCCAGCAACTTCAGAGAGCTTCCTGAGAGAGAGAGAGAGAGAGAG 429
QY 142 GlyTyrSerSerIleProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp 161
DB 430 GGCTACAGCAGCAAAACCATTTTCAGAGCTGTGAGATGGCCAGACAGAGAGAGAGAG 489
QY 162 ValValGlnIleThrGlnAsnSerGlnIleuLeuArgMetArgAsnSerGlyProCys 181
DB 490 GTTGTTAAATCAAGAAACACAGCAGAGAGCTTGAGATGCGAAGCTCAAGTGGGCTGT 549
QY 182 LeuSerGlySerLeuValSerLeuHISpHeIleuAlaCysGlyIleuSerLeuValThrPro 201
DB 550 CTCCTCAGGCTCCCTGCTCTCCCTTCAGCTTTCCTGTGGAGAGAGAGAGAGAGAGAG 609
QY 202 ArgValValGlyGlnGlnAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
DB 610 CGTGTGTGTGGTGGAGAGAGAGCTCTGTGTGATTTCTTGAGCTTGAGAGAGAGAGAG 669
QY 222 TyrAspIleGlnHISpValCysGlyIleuSerIleuAspProHISpTrpValLeuThrAla 241
DB 670 TACGACAAAGCAGCAGCTGTGTGAGAGAGAGATCTTGAGAGAGAGAGAGAGAGAGAG 729
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QY 242 AlaHISpPheArglyHISpThrAspValPheAsnTrpIleValArgAlaGlySerAsp 261
DB 730 GCCACAGCTTCAGAAACATACCATGTTTAACTGAAAGGTGGGAGAGAGAGAGAGAG 789
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaIleIleIleIleGluPheAsnPro 281
DB 790 AAATGGGAGAGCTTCCATCCCTGCTGTGGCCAAAGATATCATTTGAAATTCAAACCC 849
QY 282 MetTyrProIleAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
DB 850 ATGTACCCCAAAACATGACATGACATGACATGACATGACATGACATGACATGACATG 909
QY 302 GlyThrValArgProIleCysLeuProPheAspGlnGlnLeuThrProAlaThrPro 321
DB 910 GGACAGCTCAGGCTCATCTGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 969
QY 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
DB 970 CTCGTGATCATTTGATGGGCTTTACGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1029
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaIleGln 361
DB 1030 CTCAGGCGGTCAAGTCCAGGTCATTTGACAGACACAGGTGACATGACAGATGCGTACCAG 1089
QY 362 GlyIleValThrGlnLysMetMetCysAlaGlyIleProGlnGlyGlyValAspThrCys 381
DB 1090 GGGAGAGTCAACCAAGAGATGATGTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1149
QY 382 GlnGlyAspSerGlyIleProLeuMetTyrGlnSerAspGlnTrpHISpValValGlyIle 401
DB 1150 CAGGAGTACAGTGTGGGCGCCCTGATGTACATCTGACAGAGGAGATGTGTGGGAGATC 1209
QY 402 ValSerTrpGlyTyrGlyCysGlyIleProSerThrProGlyValIleThrLysValSer 421
DB 1210 GTTAGCTGGGCTATGTGCTGGCGGGGCGCAGAGACCCAGAGATTAACCAAGGTCTCA 1269
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpIleValGlnLeu 435
DB 1270 GCTTATCTCACTGATCTTCAATGTCTGAGAGGCTGAGAGCTG 1311

RESULT 15
US-60-625-561-448
; Sequence 448, Application US/60625561
; GENERAL INFORMATION:
; APPLICANT: MCCAPPREY, Ian
; TITLE OF INVENTION: PANCREATIC CANCER TARGETS AND USES
; FILE REFERENCE: C1001557
; CURRENT APPLICATION NUMBER: US/60/625,561
; CURRENT FILING DATE: 2004-11-08
; NUMBER OF SEQ ID NOS: 586
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 448
; LENGTH: 2079
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-625-561-448

Alignment Scores:
Pred. No.: 0 Length: 2079
Score: 2337.00 Matches: 434
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 99.79% Indels: 0
DB: 82 Gaps: 0

US-10-803-530-2 (1-435) x US-60-625-561-448 (1-2079)
QY 2 AspProAspSerAspGlnProLeuAnSerLeuAspVallyProLeuArglyProArg 21
DB 217 GATCTGACAGTGATCAACCTCTGACAGCTCGATGCAAACTCCGCGCAACCCCGT 276
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QY 22 IIPrometGluThrPheArgLysValGlyLeuProIleIleIleAlaLeuLeuSerLeu 41
 Db 277 ATCCCATGGAGACTTCAGAAAGGTGGGATCCCATCATCATACATCAAGCTG 336
 QY 42 AlaserIleIleIleValIleValIleValIleValIleValIleValIleVal 61
 Db 337 GCGAGTATCATATGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTT 396
 QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGlnLeuAspCys 81
 Db 397 TGCAGGAGCTCTCCATTCATCCAGAGAGAGCTGTGTGTGTGTGTGTGTGTGTGT 456
 QY 82 ProLeuGlyGluAspGlyGlnIleCysValIlySerPheProGlyGlyProAlaValAla 101
 Db 457 CCTTGGGGAG 516
 QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValIleLeuAspSerAlaThrGlyAsnTrp 121
 Db 517 GTCCGCTCTCCAG 576
 QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCysArgGlnMet 141
 Db 577 TTCTGTGCTGTTTCAGAACTTCACAGAGCTCTGTGTGTGTGTGTGTGTGTGTGT 636
 QY 142 GlyTyrSerSerLysProThrPheArgAlaValGlyIleGlyProAspGlnAspLeuAsp 161
 Db 637 GAGTACAG 696
 QY 162 ValValGlnIleThrGlnAsnSerGlnIleLeuAspArgMetArgAsnSerSerGlyProCys 181
 Db 697 GTTGTGAAATCAGAAAG 756
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
 Db 757 CTCTAGAGCTCCCTGTCT 816
 QY 202 ArgValValGlyGlyGlnIleAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
 Db 817 CGT 876
 QY 222 TyrAspLysGlnHisValCysGlyLysSerIleLeuAspProHisTrpValIleThrAla 241
 Db 877 TACAGAAAG 936
 QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
 Db 937 GCCCATCTCTCAGAAACATACATCGATGTGTCACTGGAAGGTGCGGGCAGGCTCAAG 996
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaValIleIleIleIleIleIleIle 281
 Db 997 AAACGGGAGAGCTCCATCCCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1056
 QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 Db 1057 ATGTACCCCAAG 1116
 QY 302 GlyThrValArgProIleCysLeuProPheAspGlyGlnLeuThrProAlaThrPro 321
 Db 1117 GGCACAGTACAGGCTCATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1176
 QY 322 LeuTrpIleIleGlyTyrGlyPheThrLysGlnAsnGlyLysLysMetSerAspIleLeu 341
 Db 1177 CTCTGATCATTTGATGT 1236
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpGln 361
 Db 1237 CTCGAGGCTCATGCTCATGCTCATGCTCATGCTCATGCTCATGCTCATGCTCATGCT 1296
 QY 362 GlyGlyValThrGlyLysMetMetCysAlaGlyIleProGlyGlyGlyValAspThrCys 381
 Db 1297 GGGGAAGTACCGAAGAGATGATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1356
 QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401

Db 1357 CAGGGTACAGT 1416
 QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValIleThrLysValSer 421
 Db 1417 GTTAGCTGGGGCTTATGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1476
 QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGlnLeu 435
 Db 1477 GCTTATCTCACTGTGATCTCAATGTCTGGAAGGCTGAGCTG 1518
 RESULT 16
 PCT-US04-21227-1
 ; Sequence 1, Application PC/TUS0421227
 ; GENERAL INFORMATION:
 ; APPLICANT: diadexus, Inc.
 ; APPLICANT: Vartanian, Steffan
 ; APPLICANT: Macina, Roberto
 ; TITLE OF INVENTION: Compositions, Splice Variants and Methods Relating to Ovarian Spe
 ; TITLE OF INVENTION: Genes
 ; FILE REFERENCE: DEX-0500
 ; CURRENT APPLICATION NUMBER: PCT/US04/21227
 ; CURRENT FILING DATE: 2004-07-09
 ; PRIOR APPLICATION NUMBER: US 60/484,440
 ; PRIOR FILING DATE: 2003-06-30
 ; PRIOR APPLICATION NUMBER: US 60/484,500
 ; NUMBER OF SEQ ID NOS: 23
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 1
 ; LENGTH: 2104
 ; TYPE: DNA
 ; ORGANISM: Homo sapien
 PCT-US04-21227-1
 Alignment Scores:
 Pred. No.: 0 Length: 2104
 Score: 2337.00 Matches: 434
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 99.79% Indels: 0
 DB: 3 Gaps: 0
 US-10-803-530-2 (1-435) x PCT-US04-21227-1 (1-2104)
 QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuAlaGlySerArg 21
 Db 242 GATCTGACAGTGAATCAACCTCTGTGAACAGCTCGATGTCAAAACCCCTCGCAAAACCCGCT 301
 QY 22 IIPrometGluThrPheArgLysValGlyLeuProIleIleIleAlaLeuLeuSerLeu 41
 Db 302 ATCCCATGGAG 361
 QY 42 AlaserIleIleIleValIleValIleValIleValIleValIleValIleVal 61
 Db 362 GCGAGTATCATATGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTT 421
 QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGlnLeuAspCys 81
 Db 422 TGCAGGAGCTCTCCATTCATCCAGAGAGAGCTGTGTGTGTGTGTGTGTGTGTGTGTGT 481
 QY 82 ProLeuGlyGluAspGlyGlnIleCysValIlySerPheProGlyGlyProAlaValAla 101
 Db 482 CCTTGGGGAG 541
 QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValIleLeuAspSerAlaThrGlyAsnTrp 121
 Db 542 GTCCGCTCTCCAG 601
 QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCysArgGlnMet 141
 Db 602 TTCTGTGCTGTTTCAGAACTTCACAGAGCTCTGTGTGTGTGTGTGTGTGTGTGTGTGT 661

Oy	142	GLYTYRSESELYSPROTHRPHENRMAAVALGUILLEGIYPRDASPLASRYENR	161
Db	662	GGCTAACACAGAAACCCACTTTCAGAGCTGTGGAGATTGGCCACAGACCAGGATCTGGAT	721
Oy	162	VALVALGUILLETHGLUASNSEGLINGULUUAAGMETARGASNSERGLYPROCYA	181
Db	722	GTTGTGTAATATACAGAAACAGCCAGAGACTTCGCAATCCGGAATCAAGTGGCCCTGT	781
Oy	182	LEUSERGLYSEPLEUVALSERLEUHIVCYLEUALACVGLIYUSETIEUETHYTHRO	201
Db	782	CTCTCAGGCTCCCTGGTCTCCCTGCACACTGTCTTGGCTGTGGGAAAGAGCTGAAGACCCC	841
Oy	202	ARGVALVALGIVGLIYGLINGULUASERVALAERSETRPROTTPGLIVALSER1LEGIN	221
Db	842	CGTGGGAGGGGGAGAGAGGCTCTGTGGATTTCTTGGCTTGGCAGAGTCCAGATCCAG	901
Oy	222	TYRASPRLYGLINHAVALCYSEGLIYSER1LELEUASPROHIETRPVALLEUTHALA	241
Db	902	TACAGCAAAACAGCAGCTGTGTGGAGGAGNACCTGGNACCCCATGGGGTCTCCAGGCA	961
Oy	242	ALAHISCVPHNEALCYLHNIETHYRNPVALPHENATRLYVALARGALLYSERAP	261
Db	962	GCCCACTGCTTCAGAGAAACATGCCATGTGTTCMACTGGAAAGTCCGGGACAGCTCAAGC	1021
Oy	262	LYSLEUGIYSEPHSPROSERIEUHALAYALALYSILIE1LE1L6LPHENAPRO	281
Db	1022	AAACTGGGCACTTCCCATCTCCCTGGCTGTGGCCAGNATCATATCATTTGAATTCAAACCC	1081
Oy	282	METTYRPLYVAPASAPASAPR1LEALAEUWETLYSEUGINPHPROLEUTHRPHESER	301
Db	1082	ATGTACCCCAAGACATATGACATGCCCTCATGAGATGAGATTCCCATCTCACTTCTCA	1141
Oy	302	GLYTHRVALAAGPROI1ECYLEUPROPHENAPRGULGINLEUTHPROALATHPRO	321
Db	1142	GGCAGACAGCAGGCCATCTGTCTGCCCTTCTTGAATGAGAACTCATCCACGCCACCCA	1201
Oy	322	LEUTHRIELIEGL1TRPGLYPHERTHRYSGINANGLIYGLIYMETSERAPR1LEU	341
Db	1202	CTCTGGATCATTTGATGGGGCTTTTACAGACGAAATGGAGGAAAGATGTCTGACATTACTG	1261
Oy	342	LEUGINALASERVALGINVAL1LEAPSERTHARGYASNALAASAPRALATYGLIN	361
Db	1262	CTGCAGGGGTGAGTCCAGGTCATTGACAGCACAGCGTGCAATGACAGATGCGTACAG	1321
Oy	362	GLYGLUVALTHRGULUYMETHETCYBALAGY11EPROGLUGLYVALAETHRCYS	381
Db	1322	GGGGAAGTCACCGAGAAATGATGTGTCAAGGCATCCGGAAGGGGGTGTGGACCTGCG	1381
Oy	382	GLINGIYAPSESGIYGLYPROLEUMETTYRGINSERAPRGINTPRHI:VALVALGLIYLE	401
Db	1382	CAGGGTGACATGGTGGGGCCCTGTATGACATATGACACAGTGGCAATGTGGTGGGCACT	1441
Oy	402	VALSERTPGLIYTYGLIYCYAGIYGLYPROSETRHPRGIVVALIYTRTHRYVALSER	421
Db	1442	GTTAGCTGGGGCTATAGGCTGCGGGGGCCGAGACCCACGAGGTATACCAAGAGTCTCA	1501
Oy	422	ALATYTRLEUANTPRILETYRASNVALTRPLYBALAGILEU	435
Db	1502	GCGTAATTCACACTGGATCTACATGTCTGGAAGGCTGAGCTG	1543
RESULT 17			
PCT-US04-33689-2			
GENERAL INFORMATION:			
Sequence 2, Application PC/TUS0438689			
APPLICANT: Genentech, Inc.			
APPLICANT: Ashkenazi, Avi J.			
APPLICANT: Goddard, Audrey			
APPLICANT: Gurney, Austin L.			
APPLICANT: Polakis, Paul			
APPLICANT: Smith, Victoria			
APPLICANT: Wood, William I.			
APPLICANT: Wu, Thomas D.			

[illegible]

[illegible]

QY	22	ILERPMETGIUTIRPHEARGLYVALGILYILEPROLLEILELAEUENSERLEU	41
DB	302	ATCCCAATGAGACCTTCAGAAAGGTGGGATCCCAATCATATGACTATGAGCCCTG	361
QY	42	ALASERLEILEILEVALVALLEUULEYVALILEUASPLVETRYRPHLEU	61
DB	362	GCGAGTATCATATGTGTGTCTTCATCAAGGAGTTCGTGAATAATCACTTCCTC	421
QY	62	CYSGLYGINPROLEUHAIPHLEIPROARGLYSGINLEUCYASPGLYGILEUENAPCY	81
DB	422	TGCGGGGAGCCTCTCCACTTCATCCCGGAGAGCAGCTGTGTGACGGAGAGCTGTGACTGT	481
QY	82	PROLEUGLYGUASPGINGLUHIECYVALLYSSERPHEPROGLUGIYPROALAVALA	101
DB	482	CCCTTGGGGGAGAGAGAGACACTGTGTCAAGACTTCCCGAAGGGCCCTGACGTGGCA	541
QY	102	VALARGLEUSERLYASPAARGSERTHRREUGINVALLEUASPERALATHRGILYANTRP	121
DB	542	GTCCGCGCTCTCCAGAGACCGATTCACA CTGACGRTGCTGACTCGGCCACAGGAACTGG	601
QY	122	PHESERALACYSPHEASPNPHETHRGLUALAEUALAGLUTHRALCYARGINMET	141
DB	602	TTCTGTGCTGTTCGACAACTTCCAGAAAGCTCTCGCTGAGACAGCCGTGTGGCGAGATG	661
QY	142	GLYTRYSERSERLYPROTHRPHENRGLVALGILYILEGIPROASPGILNAPLEUASP	161
DB	662	GGCTACACACACAAACCACTTTCAGAGCTGTGGAGATTTGGCCACAGACGAGATCTGGAT	721
QY	162	VALVALGILILETHRGLUASNSEINGLULEUARGMETARGASNSERGIYPROCY	181
DB	722	GTTGTGAAATCAGAGAAACGACAGAGACTTCCATGGGAACTCAAGTGGCCCTGT	781
QY	182	LEUSERGIYSERLEUVALSERIEUHCYALEUALACYSGLYLYSSERLEUYSRPRO	201
DB	782	CTCTCAGGCTCCCTGTCTCCCTGCACATGTCTTGCCTGTGGAGAGAGCCTGAAGACCCC	841
QY	202	ARGVALVALGILYGLYGLUGLUALASERVALAPSETTRPROTRGINTALSERILEGIN	221
DB	842	CGTGTGGGTGGGGGAGAGAGCCCTGTGTGATCTTGGCTTGGACGGTACAGATTCAG	901
QY	222	TYRASPILYSGINHAIVALCYSGLYLYSERILEUASPROHIETRRVALLEUTHRALA	241
DB	902	TACGACAAACAGCAGCTGTGTGAGAGAGACTTCGTGACCCCACTGGGCTCTCAGGGCA	961
QY	242	ALAHISYSPHEARGLYSHIETHRASPVALPHEASNTPLYSVALARGHAGIYSETRASP	261
DB	962	GCCCACTCTTCAGGAAACATACGATGTGTTCACTGAAAGGTGGCGGACGGCTCAGAC	1021
QY	262	LYSLEUGIYSERPHEPROSERLEUALAVALALAYLLEILEILEGLUPHEANPRO	281
DB	1022	AAACTGGGCAAGTCTCCATCCCTGGCTGTGGCCCAAGATCATATCATATTAATTCACCCC	1081
QY	282	METLYTRPOLYASAPASNPRIEALAEUMETLYSLEUGLPHENPROLEUTHRPHESER	301
DB	1082	ATGTACCCCAAGAAATGACATCGCCCTCATGAAAGCTGAGTCCCACTCACTTCTCA	1141
QY	302	GLYTHRVALARGPROILECYSLERPHEPHEASPGILGILEUTHRPROALATHRPRO	321
DB	1142	GGCACAGTCAGGCCCATCTGTCTGCCCCCTTTGATGAGAGAGTCACTCCAGCACCCCA	1201
QY	322	LEUTHRILEILEGLYTRPIYPHETHRILYSGINAEUGLYLYLWSETSERAPILLEU	341
DB	1202	CTCTGGATCATATGGATGGGGCTTTTACGAAGCAGAAATGAGGGGAAAGATGTCTGACATACG	1261
QY	342	LEUGINALASERVALGINTALLLEASPSERTHRARGYASAPNALASAPAPALATRYGIN	361
DB	1262	CTGCAGGGGTACGTACGGCTCATTTACAGACACAGGTGCANATGACACAGATGCTACAG	1321
QY	362	GLYGLIUALATHRGLULYSMETMETCYVALAGIYILEPROGLUGIYGLYVALAETHR	381
DB	1322	GGGGAAGTCAACGAAAGATGATGTGTGACAGGATCCCGGAAGGGGTGTGGACACTGC	1381
QY	382	GINGLYASPSERGLYLYPROLEUMETRYGINSETRAPGINTRPHIIVALVALGILYLE	401

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Db 1382 CAGGGTACAGTGTGGCCCTCATGTACCAATGTACCAAGTGGCATGTGTGGGATC 1441
Qy 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrIysValSer 421
Db 1442 GTTAGCTGGGGCTATGGCTGGGGGGCCGAGCACCCAGAGATATACCAAGTCTCA 1501
Qy 422 AlaTyrLeuSerTrpIleTyrAsnValTrpIysAlaGluLeu 435
Db 1502 GCCATCTCAACTGATCTACAAATGTCTGGAAGGCTGAGCTG 1543

RESULT 19
US-10-991-287-2
; Sequence 2, Application US/10991287
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Polakis, Paul
; APPLICANT: Smith, Victoria
; APPLICANT: Wood, William I.
; APPLICANT: Wu, Thomas D.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; FILE REFERENCE: P503781-US
; CURRENT APPLICATION NUMBER: US/10/991,287
; CURRENT FILING DATE: 2004-11-17
; PRIOR APPLICATION NUMBER: US 60/523,856
; PRIOR FILING DATE: 2003-11-20
; NUMBER OF SEQ ID NOS: 10
; SEQ ID NO 2
; LENGTH: 2104
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-991-287-2

Alignment Scores:
Pred. No.: 0 Length: 2104
Score: 2337.00 Matches: 434
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 99.79% Indels: 0
DB: Gaps: 0

US-10-803-530-2 (1-435) x US-10-991-287-2 (1-2104)
Qy 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIysProLeuArgIysProArg 21
Db 242 GATCTCAACAGTATCAACCTGTGAACAGCTCGATGTCAAAACCCCTGGCGAAACCCCGT 301
Qy 22 IleProMetGluThrPheArgIysValGlyIleProIleIleIleAlaLeuSerLeu 41
Db 302 ATCCCCATGGAGACCTTCAGAAAGTGGGGATCCCCATCATATAGCACTATAGGCTG 361
Qy 42 AlaSerIleIleIleValIleValIleValIleValIleValIleValIleValIleVal 61
Db 362 GCGAGATCATCATGTGTGTCTCATCAAGGATTCGATTAATACTACTCTCTC 421
Qy 62 CysGlyGlnProLeuHisPheIleProArgIysGlnLeuCysAspGlyGluLeuAspCys 81
Db 422 TGGGGGAGAGCTCTCCACTTATCCGAGAGAGAGAGCTGTGTAGAGAGAGCTGACTGT 481
Qy 82 ProLeuGlyIuAspGluGluHisCysValIysSerPheProGluGlyProAlaValAla 101
Db 482 CCTTGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 541
Qy 102 ValArgLeuSerIysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Db 542 GTCCGCTCTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 601
Qy 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
```

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Db 602 TTCCTGCTGTTCGACAACTTCACAGAGACTCTCGCTGAGACAGCGCTGTAGAGATG 661
Qy 142 GlyTyrSerSerIysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 662 GGCTACAGAGAGAAACCACTTTCAGAGCTGTGAGATGTGGCCAGAGAGAGAGATCTGGAT 721
Qy 162 ValValGluIleThrGluAsnSerGlnIleLeuArgMetArgAsnSerSerGlyProCys 181
Db 722 GTTGTGAATATCACAGAAACAGACAGAGCTTCGATGCGAATCAATCAATGGGCGCTGT 781
Qy 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIysSerLeuIysTrpPro 201
Db 782 CTCTCAGAGCTCCCTGGCTCTCCCTGCACTGTCTGTGGAGAGAGCCGGAAGACCCCC 841
Qy 202 ArgValValGlyGlyGluGluIleAspValAspSerTrpProTrpGlnValSerIleGln 221
Db 842 CGTGTGGGTGGGGAGAGAGGCTCTGTGATTTCTTGCCCTTGGAGGTTCAGATTCAG 901
Qy 222 TyrAspIysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
Db 902 TAGAGAAACAGACAGCTGTGTGAGAGGAGCATCTGGACCCCACTGGGTCTCAGCGCA 961
Qy 242 AlaHisCysPheArgIysHisThrAspValPheAsnTrpIysValArgAlaGlySerAsp 261
Db 962 GCCCACTGCTTCAGAAACATACCGATGTGTCAACTGGAGAGGTGCGGGAGGCTCAGAC 1021
Qy 262 IysLeuGlySerPheProSerLeuAlaValAlaIysIleIleIleIleIleIleIleIle 281
Db 1022 AAACCTGGGAGCTTCCATCTCGGCTGTGGCAAGTATCATTCATTGAATTCACACCC 1081
Qy 282 MetTyrProIysAspAsnAspIleAlaLeuMetIysLeuGlnPheProLeuThrPheSer 301
Db 1082 ATGTACCCCAAAACATATGATGATGCTCATGAGCTGCAAGTTCCACTCATCTTCTCA 1141
Qy 302 GlyThrValArgProIleCysLeuProPhePheAspGluLeuThrProAlaThrPro 321
Db 1142 GGCACAGTCAGGCGCCATCTGTCTGCCCTTCTTGAATGAGAGCTCATCTCAGCCCA 1201
Qy 322 LeuTrpIleIleGlyTrpGlyPheThrIysGlnAsnGlyGlyIysMetSerAspIleLeu 341
Db 1202 CTCTGAGATCATGTGATGGGCTTTTACAGACAGAAATGAGAGAGATGTGTGACATCTG 1261
Qy 342 LeuGlnIleAspValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1262 CTGAGGCGTCAGTCCAGTCGATTCAGACAGACAGCGTGCAATGCAAGCGTACAG 1321
Qy 362 GlyGluValThrGlyMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db 1322 GGGGAACTCACCGAGAGATGTGTGACAGGATCCCGAAGGGGTGTGGACACTGC 1381
Qy 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValIleGlyIle 401
Db 1382 CAGGGTACAGTGTGGCCCTGATGTACAAATGTGACAGATGTGTGTGGTGGGATC 1441
Qy 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrIysValSer 421
Db 1442 GTTAGCTGGGGCTATGGCTGGGGGGCCGAGCACCCAGAGATATACCAAGTCTCA 1501
Qy 422 AlaTyrLeuSerTrpIleTyrAsnValTrpIysAlaGluLeu 435
Db 1502 GCCATCTCAACTGATCTACAAATGTCTGGAAGGCTGAGCTG 1543

RESULT 20
US-10-994-117-2
; Sequence 2, Application US/10994117
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Polakis, Paul
; APPLICANT: Smith, Victoria
; APPLICANT: Wood, William I.
; APPLICANT: Wu, Thomas D.
```


APPLICANT: Zhang, Dong-Xiao
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
 TITILE OF INVENTION: TREATMENT OF TUMOR
 FILE REFERENCE: P5037R2
 CURRENT APPLICATION NUMBER: US/10/994,117
 CURRENT FILING DATE: 2004-11-19
 PRIOR APPLICATION NUMBER: US 60/523,856
 PRIOR FILING DATE: 2004-11-20
 NUMBER OF SEQ ID NOS: 10
 SEQ ID NO 2
 LENGTH: 2104
 TYPE: DNA
 ORGANISM: Homo sapien
 US-10-994-117-2

Alignment Scores:
 Pred. No.: 0 Length: 2104
 Score: 2337.00 Matches: 434
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 99.79% Indels: 0
 DB: 65 Gaps: 0

US-10-803-530-2 (1-435) x US-10-994-117-2 (1-2104)

QY	2	AspProaPpSerAspGlnProLeuAnSerLeuAapValysProLeuArglyProArg	21
DB	242	GATCTGACAGTGAATCACTCTGAACAGCCCTGATGTCMAACCCCTGGCAAACTCCGT	301
QY	22	IleProMetGluThrPheArglyValGlyIleProIleIleAlaLeuSerLeu	41
DB	302	ATCCCAATGAGACCTTCAGAAAGTGGGATCCCAATCATATGACACTGAGCTG	361
QY	42	AlaSerIleIleIleValValValLeuIleValIleLeuAspLysTyrPheLeu	61
DB	362	GCGAATATCATATGTTGGTGTCTCCATCAAGTGAATCTGATTAATACCTTCTC	421
QY	62	CysGlyGlnProLeuHisPheIleProArglyGlnLeuCysAspGlyGluLeuAspCys	81
DB	422	TGCGGGCAGCCCTCTCACTTCATCCCGAGAGAGCTGTGTGACGGAGAGCTGACCTGT	481
QY	82	ProLeuGlyValAspGluGluHisCysValLysSerPheProGlyGlyProAlaValAla	101
DB	482	CCCTTGGGGAG	541
QY	102	ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp	121
DB	542	GTCGCCCTCTCAAG	601
QY	122	PheSerAlaCysPheAspAsnThrGluAlaLeuAlaGluThrAlaCysArgGlnMet	141
DB	602	TTCCTGCTGCTGTTGCAACAATTCACAGAACTCTGCTGAGACAGCCCTGTGTGGCAGAG	661
QY	142	GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp	161
DB	662	GGCTACAG	721
QY	162	ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys	181
DB	722	GTTCTTGAATATCAAGAAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG	781
QY	182	LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro	201
DB	782	CTCTCAGGCTCCCTGCTGCTCTCTGCACTGTCTTGTGGAGAGAGAGAGAGAGAGAG	841
QY	202	ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln	221
DB	842	CGT	901
QY	222	TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla	241
DB	902	TACGACAAACAGACACTCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT	961

QY 242 AlaHisCysPheArglyValHisThrAspValPheAsnTrpLysValAlaArgAlaGlySerAsp 261
 DB 962 GCCCATGCTTCAGAGAAACATACCATGTGTCAACTGAGAGGTGGGGCAGGCTCAGAC 1021
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaIleIleIleIleGluPheAsnPro 281
 DB 1022 AAACGGGACGCTCCATCCCTGCTGTGGCCAGAGATCATCATCATTTGAATTCACCCC 1081
 QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 DB 1082 ATGTACCCCAAGACATGATGATGCGCCCTCATGAAGCTGAGGAGTTCCCATCACTTTC 1141
 QY 302 GlyThrValArgProIleCysLeuProPheAspGluGluLeuThrProAlaThrPro 321
 DB 1142 GGCACAGTCAGGCCCATCTGTCTGCTCTTGTATGAGAGAGCTCATCTCAGCCACCCCA 1201
 QY 322 LeuTrpIleIleGlyTyrPheThrIleGluGlnGlyLysMetSerAspIleLeu 341
 DB 1202 CTCTGATCATTTGATGAGGGGCTTTACAGAGAGATGAGAGAGATGTCTGACATTTCTG 1261
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 DB 1262 CTGAGGGGCTGATGCTCAGGTCAATTCACAGCACAGGTCAATGACAGAGATCCGACAG 1321
 QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
 DB 1322 GGGAGATCACAGAAATATATGTGTGACAGCATCCGGAAGGGGGGTGTGACACTGAC 1381
 QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401
 DB 1382 CAGGTGACAGTGTGGGGCCCTCATGTATGCAATCTGACAGGTGACATGTGTGGGCTAC 1441
 QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValIleThrLysValSer 421
 DB 1442 GTTACCTGGGCTATGAGTGTGGGGCCGAGAGACCCAGAGATATACCAAGGTCTCA 1501
 QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
 DB 1502 GCGTATCTCACTGATCTTCAATGTCTGAAAGGCTGAGCTG 1543

RESULT 21
 US-60-507-511-2292
 ; Sequence 2292, Application US/60507511
 ; GENERAL INFORMATION:
 ; APPLICANT: Wyeth
 ; APPLICANT: Mounts, William M
 ; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH
 ; FILE REFERENCE: AM 101081
 ; HUMAN OSTEOARTHRITIS AND HUMAN PROTEASES
 ; CURRENT FILING DATE: 2003-10-02
 ; NUMBER OF SEQ ID NOS: 203623
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 2292
 ; LENGTH: 2104
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-60-507-511-2292

Alignment Scores:
 Pred. No.: 0 Length: 2104
 Score: 2337.00 Matches: 434
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 99.79% Indels: 0
 DB: 81 Gaps: 0

US-10-803-530-2 (1-435) x US-60-507-511-2292 (1-2104)

QY	2	AspProaPpSerAspGlnProLeuAnSerLeuAapValysProLeuArglyProArg	21
DB	242	GATCTGACAGTGAATCACTCTGAACAGCCCTGATGTCMAACCCCTGGCAAACTCCGT	301

```
QY 22 ILeProMetGluThrPheArgLysValGlyLeuProIleIleAlaLeuLeuSerIeu 41
DB 302 ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCATACACTGAGGCTG 361
QY 42 AlaSerIleIleIleValValLeuIleLysValIleLeuAspLysTyrTyrPheLeu 61
DB 362 GCGAGATCATCATTTGGTGTTCATCATCAAGGTATTCGGAATAATATCATCTTCCTC 421
QY 62 CysGlyGluProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
DB 422 TGGGGGACGCTTCATCTTCATCCGAGAGACAGCTGTGTGACGGAAGCTGACCTGT 481
QY 82 ProLeuGlyGluAspGluGlnHisCysValLysSerPheProGluGlyProAlaValAla 101
DB 482 CCTTGGGGAGAGACAGAGAGACCTGTGTCAAGAGCTTCCTCCGAGAGGCTTCAGTGGCA 541
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTyr 121
DB 542 GTCCGCTCTCCAGAGACGATCCACAGCTGACAGTGTGACTCGGCGCACAGGAACCTGG 601
QY 122 PheSerAlaCysPheAspAsnThrGlnAlaLeuAlaGluThrAlaCysArgGlnMet 141
DB 602 TTCTCGCTGCTTTGCAACAATTCACAGAAAGCTCTGCTGAGACAGCTGTGAGGAGATG 661
QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
DB 662 GGGTACAGCAGCAAAACCCACTTCAGAGCTGTGAGATTTGGCCGACAGAGATTTGGAT 721
QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
DB 722 GTTGTGAAATCATAGAAACAGCCAGAGAGCTTCATGCGGAAGCTCAAGTGGGCTCGT 781
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
DB 782 CTCTCAGGCTCCCTGATCTCCCTGACATGCTCTGCTGGGAGAGGCTTAAGACCCCC 841
QY 202 ArgValValGlyGlyGluGlnAlaSerValAspSerTyrProTyrGlnValSerIleGln 221
DB 842 CGTGTGTGGTGGGAGAGAGGCTCTGTGATCTTGAGCTGGCAGGTGACGATCCAG 901
QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisIleThrValLeuThrAla 241
DB 902 TACGACAAACAGCAGCTGTGTGAGAGAGCATCTGAGACCCCACTGGGTCTCAGGCA 961
QY 242 AlaHisCysPheArgLysHisIleThrAspValPheAsnTyrLysValArgAlaGlySerAsp 261
DB 962 GCCCACTGCTTCAGGAAACATACGATGTGTTCACATGGAAGTCCGGGACGCTCAGAC 1021
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
DB 1022 AACTGGGACGCTTCATCCATCTGCTGCTGCTGGCCAAAGATCATCATTAATTCACACCC 1081
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
DB 1082 ATGTACCCCAAGACATGACATGCGCTCATGAAGCTGAGTTCCTCACATCACTTCTCA 1141
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
DB 1142 GGCACAGTCAGGCCCATCTGTCTGCCCTTTTATGAGAGGCTCATCCAGGCAACCCCA 1201
QY 322 LeuThrIleIleGlyTyrPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
DB 1202 CTCTGGATCATTTGATGGGGCTTTTACAGAGCATGAGAGAGAGATGTGTGACATATCG 1261
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
DB 1262 CTGAGGCGCTCAGTCAGTCATTCAGCAGCAGCGGTGCAATGCAACATGCTGACAG 1321
QY 362 GlyGlnValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
DB 1322 GGGGAAATCCACGAGAAATGATGTGTGACGACATCCCGAGAGGGGTGTGACACTGCTG 1381
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnThrPheValValGlyIle 401
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DB 1392 CAGGTGACAGTGTGGGCCCCCTGATGTACCAATCTGACCAAGTGGCATGTGGGGCATC 1441
QY 402 ValSerTyrGlyTyrGlyCysGlyGlyProSerThrProLysValTyrThrLysValSer 421
DB 1442 GTTACGTGGGCTATGAGCTGTGGGGGGCCGAGACACCCAGAGATATACCAAGGCTCTCA 1501
QY 422 AlaTyrLeuAsnTyrIleTyrAsnValTyrLysAlaGluLeu 435
DB 1502 GCTATCTCAACTGATCTCAATGATGTGGAAGGCTGAGCTG 1543
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RESULT 22

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PCT-US02-07826-317
; Sequence 317, Application PC/TUS0207826
; GENERAL INFORMATION:
; APPLICANT: Millennium Pharmaceuticals, Inc. et al.
; TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification,
; TITLE OF INVENTION: Assessment, Prevention, and Therapy of Ovarian Cancer
; FILE REFERENCE: MRI-030PC
; CURRENT APPLICATION NUMBER: PCT/US02/07826
; PRIOR FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: 60/276,025
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/325,149
; PRIOR FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 60/276,026
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/324,967
; PRIOR FILING DATE: 2001/09/26
; PRIOR APPLICATION NUMBER: 60/311,732
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/325,102
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/323,580
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 363
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 317
; LENGTH: 2307
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(2307)
; OTHER INFORMATION: n = A,T,C or G
PCT-US02-07826-317
```

Alignment Scores:

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Pred. No.: 0 Length: 2307
Score: 2337.00 Matches: 434
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 99.79% Indels: 0
DB: 1 Gaps: 0
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US-10-803-530-2 (1-435) x PCT-US02-07826-317 (1-2307)

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QY 2 AaPProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
DB 284 GATCCTGACAGTGAATCAACTCTGAAACGCTCGATGTCAAAACCCCTGGCGAAACCCGT 343
QY 22 ILeProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerIeu 41
DB 344 ATCCCAATGAGACCTTCAGAAAGTGGGAGTCCCATCATCATACATAGCACTAGAGCTG 403
QY 42 AlaSerIleIleIleValValLeuIleLysValIleLeuAspLysTyrTyrPheLeu 61
DB 404 GCGAGTATCATCATTTGGTGTTCCTCATCAAGGTGATTCGATAAATCTACTTCTC 463
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
DB 464 TGGGGGACGCTTCACATTCATATCCAGAGAAAGAGCTGTGTGACGAGAGGCTGAGACTGT 523
```



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Db 764 GTTGTGAAATCAGAGAAACAGCCAGAGCTTCCATCCGAGATCTCAAGTGGCCCTGT 823
Qy 132 LeuSerGlySerLeuValSerLeuHiSCysLeuAlaCysGlyLysSerLeuYThrPro 201
Db 824 CTCTAGAGGTCTCCCTGCTCTCCCTGCACTGTCTTGCTGTGGAGGAGAGCTGAAAGACCC 883
Qy 202 ArgValValGlyGlyGluGluValSerValAspSerTrpProTyrGluValSerIleGln 221
Db 884 CTGTGTGTGTGGAGAGAGGCTCTGTGTGATCTTGCTGGCTTGGCAGGTCAAGCATCCAG 943
Qy 222 TyrAspLysGlnHisValCysGlyLysSerIleLeuAspProHisTrpValLeuThrAla 241
Db 944 TACGACAAACAGCAGCTGTGTGAGAGGAGCATCTCGAACCCCACTGGGTCTCCAGGCA 1003
Qy 242 AlaHisCysPheArgLysLeuHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Db 1004 GCCCATCTCTCAGAGAAACATACCGATGTGTCACTGGAGGTGCGGCGCAGGCTCAGAC 1063
Qy 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAspPro 281
Db 1064 AAACCTGGCAGCTTCCATCTCTGCTGTGGCCAGAGATCATCATATTGAATTCACCC 1123
Qy 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1124 ATGTACCCCAAGACATGACATCGCTCATGAGCTGACAGTCCCATCTTCTCA 1183
Qy 302 GlyThrValArgProIleCysLeuProPhePheAspGlyGluLeuThrProAlaThrPro 321
Db 1184 GGCACAGTCAGGCCCATCTGTCTGCTCTTGTGTGAGAGCTCATCTCCAGCCCA 1243
Qy 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnHisGlyLysMetSerAspIleLeu 341
Db 1244 CTCTGATCATTTGATGGGCTTTTACGAGCAGATGAGAGGAGATGTCGACTACTG 1303
Qy 342 LeuGlnAlaSerValGlnValIleLeuSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1304 CTGAGGGGTGATGCTGATGCTGCTCTTGTGTGAGAGCTCATCTCCAGCCCA 1363
Qy 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGlyGlyValAspThrCys 381
Db 1364 GGGGAGGTCACCGAGAGATATGTGTGACAGCATCCCGAGAGGGGGGTGAGACCTGC 1423
Qy 382 GlnGlyAspSerGlyLysProLeuMetTyrGlnSerAspGlnTrpHisValIleGlyIle 401
Db 1424 CAGGATGACATGTGGTGGGCCCTCTGATGTACCAATCTGACAGTGCATGTGTGGCATC 1483
Qy 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValIleTyrThrLysValSer 421
Db 1484 GTTAGCTGGGGCTATGGCTGCGGGGGCCCGAGCACCCGAGAGATACACCAAGTCTCA 1543
Qy 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
Db 1544 GCGATCTCAACTGATCTTCAATGTCTGGAAGCTGAGCTG 1585
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RESULT 24
US-10-097-340-317
; Sequence 317, Application US/10097340
; GENERAL INFORMATION:
; APPLICANT: John MONAHAN
; APPLICANT: Manjula GANNAVAPU
; APPLICANT: Sebastian HORRSCHE
; APPLICANT: Shubhangi KAMATKAR
; APPLICANT: Steve G. KOVATS
; APPLICANT: Rachel E. MEYERS
; APPLICANT: Michael MORRISSEY
; APPLICANT: Peter OLANDT
; APPLICANT: Ami SEN
; APPLICANT: Peter VERBY
; APPLICANT: Gordon B. MILLS
; APPLICANT: Robert C. BAST, JR.
; APPLICANT: Karen LU
; APPLICANT: Rosemarie SCHMANDT
```

```
APPLICANT: Xumei ZHAO
APPLICANT: Karen GLATT
TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification,
FILE REFERENCE: MRI-030
CURRENT APPLICATION NUMBER: US/10/097,340
CURRENT FILING DATE: 2002-03-14
PRIOR APPLICATION NUMBER: 60/276,025
PRIOR FILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: 60/325,149
PRIOR FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 60/276,026
PRIOR FILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: 60/324,967
PRIOR FILING DATE: 2001/09/26
PRIOR APPLICATION NUMBER: 60/311,732
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 60/325,102
PRIOR FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 60/323,580
PRIOR FILING DATE: 2001-09-19
NUMBER OF SEQ ID NOS: 363
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 317
LENGTH: 2307
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)...(2307)
OTHER INFORMATION: n = A,T,C or G
US-10-097-340-317

Alignment Scores:
Pred. No.: 0 Length: 2307
Score: 2337.00 Matches: 434
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 99.79% Indels: 0
DB: 40 Gaps: 0
US-10-803-530-2 (1-435) x US-10-097-340-317 (1-2307)
Qy 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
Db 284 GATCTGACAGTATATCACTCTGAAACAGCTCGATGAAACCTTGGCCAAACCCCT 343
Qy 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
Db 344 ATCCCATGAGAGCTTCAGAAAGGTGGGATCCCATCATCATATGACATTAAGCTG 403
Qy 42 AlaSerIleIleIleValValValLeuIleLysValIleLeuAspLysTyrThrLeu 61
Db 404 GCGAGTATATCATTTGTGTGTGTCTCTCATCAAGTGTATCTGATTAATACTACTTCTC 463
Qy 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
Db 464 TGGGGCAGACCTCTCCACTTCAATCCGAGAGAGAGCTGTGTGAGAGAGCTGAGACT 523
Qy 82 ProLeuGlyGluAspGlyGluHisSCysValLysSerPheProGlyGlyProAlaValAla 101
Db 524 CCGTTGGGGAGAGACGAGAGCATGTGTCAAGAGCTTCCGAGAGGGCTGCAAGTGGCA 583
Qy 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Db 584 GTCCGCTCTTCCAGAGACCGATCCACTGAGTGTGAGTGTGAGTCTGCGACACAGGAACTGG 643
Qy 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 644 TTCTGTGCTGTGTGACAACTTCAAGAGAGCTCTCGTGAAGAGCGCTGTAGGAGATG 703
Qy 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
```


QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTgInValSer1LeGln 221
Db 884 CGTGTGGTGGTGGGAGAGAGCTCTGTGATCTTGCGCTTGAGTCAGATCAG 943
QY 222 TyrAspLysGlnHisValCysGlyGlySer1LeuAspProHisTrpValLeuThrAla 241
Db 944 TACAGCAAAAGCAGCAGTGTGGAGGAGCATCTCGAGACCCCACTGGGTCTTCACGGCA 1003
QY 242 AlHisCysPheAspGlyHisIsthAspValPheAsnTrpLysValAlaGlySerAsp 261
Db 1004 GCCCAGCTGCTTCAGAAACATACCGATGTGTTCACTGAAAGGTGCGGAGGCTCAGAC 1063
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
Db 1064 AAACCTGGGAGCTTCCATCCCTGGCTGTGGCCAAAGATCATCATTTGAAATCAACCCC 1123
QY 282 MetTrpProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1124 ATGTACCCCAAGACATGACATCGCCCTCATGAAGCTGCAGTTCCACATCATTTCTCA 1183
QY 302 GlyThrValArgProIleCysLeuProPheAspGluGluLeuThrProAlaThrPro 321
Db 1184 GGACAGCTCAGGCCCATCTGTCTGCTCTTGTATGAGGCTCCTCAGCCAGCCACCCCA 1243
QY 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
Db 1244 CTCGTGATCATGTGATGGGGCTTTACAGAGCAGATGAGGAGGAGATGTCTGACATCTG 1303
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1304 CTGAGAGGCTCAGGCCCATCTGTCTGCTCTTGTATGAGGCTCCTCAGCCAGCCACCCAG 1363
QY 362 GlyGluValThrGlyLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db 1364 GGGGAAATCACCGAAGATATGTGTGACGACATCCCGAAGGGGGGTGAGACCTGTC 1423
QY 382 GlnGlyAspSerGlyGlyProLeuMetTrpGlnSerAspGlnTrpHisValAlaGlyIle 401
Db 1424 CAGGCTGACAGTGTGGGCCCTGTATGTACCAATCTGACAGTGGCATGTGGTGGCATC 1483
QY 402 ValSerTrpGlyTrpGlyCysGlyGlyProSerThrProGlyValIleThrThrLysValSer 421
Db 1484 GTTAGCTGGGGCTATGTGCTGGGGGCCCGAGCAGCCAGAGATATACCAAGGTCTCA 1543
QY 422 AlaTrpLeuAsnTrpIleTrpAsnValTrpLysAlaGluLeu 435
Db 1544 GCTATCTCACTGATCTACAAATGTCTGAAAGGCTGAGCTG 1585

RESULT 26
US-11-050-926-317
; Sequence 317, Application US/11050926
; GENERAL INFORMATION:
; APPLICANT: John MONAHAN
; APPLICANT: Manjula GANNANVARAPU
; APPLICANT: Sebastian HOERSCHE
; APPLICANT: Shubhangi KAMATKAR
; APPLICANT: Steve G. KOVATS
; APPLICANT: Rachel B. MEYERS
; APPLICANT: Michael MORRISSEY
; APPLICANT: Peter OLANDT
; APPLICANT: Ami SEN
; APPLICANT: Peter VEITH
; APPLICANT: Gordon B. MILLS
; APPLICANT: Robert C. BAST, Jr.
; APPLICANT: Karen LU
; APPLICANT: Rosemarie SCHMANDT
; APPLICANT: Xumei ZHAO
; APPLICANT: Karen GLATT
; TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification,
; FILE REFERENCE: MI-030
; CURRENT APPLICATION NUMBER: US/11/050.926
; CURRENT FILING DATE: 2005-02-04

; PRIOR APPLICATION NUMBER: US/10/097,340
; PRIOR FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: 60/276,025
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/325,149
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/276,026
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/324,967
; PRIOR FILING DATE: 2001/09/26
; PRIOR APPLICATION NUMBER: 60/311,732
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/325,102
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/323,580
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 363
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 317
; LENGTH: 2307
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURES:
; NAME/KEY: misc feature
; LOCATION: (1)...(2307)
; OTHER INFORMATION: n = A,T,C or G
US-11-050-926-317

Alignment Scores:
Pred. No.: 0 Length: 2307
Score: 2337.00 Matches: 434
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 99.79% Indels: 0
Gaps: 0

US-10-803-530-2 (1-435) x US-11-050-926-317 (1-2307)

QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuAArgLysProArg 21
Db 284 GATCTTACAGTANTCACTCTGACAGGCTTGATGTCAAAACCTCGCCAAACCCCT 343
QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
Db 344 ATCCCATGAGAACCTTCAAGAAAGTGGGATCCCATCATCATATGACACTAGAGCTG 403
QY 42 AlAserIleIleIleValValValLeuIleLysValIleLeuAspLysTyrTrpPheLeu 61
Db 404 GCGAGTATCATATTGTGGTTGCTTCATCAAGTGTGATTAATACTACTTCTTC 463
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
Db 464 TGGGGGAGGCTCTCCACTTCATCCGAGGAGGAGCTGTGTAGGAGAGGCTGGACTGT 523
QY 82 ProLeuGlyGlnAspGluGlnHisCysValLysSerPheProGluGlyProAlaValAla 101
Db 524 CCTTGGGGAGGAGCAGAGGAGCACTGTGTCAAGAGCTTCCCGAAGGGCTGAGTGGCA 583
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Db 584 GTCCGCTCTCAAGGAGCCATCCACACTGAGGTGTGAGCTCGGCACAGGGAGACTGG 643
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 644 TTCTGTGCTGTTTCGACCACTTCACAGAGCTCTGCTAGACAGCTGTAGCAATG 703
QY 142 GlyTrpSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 704 GGTACAGCAGCAAAACCACTTTCAGAGCTGTGAGATGTGGCCAGACAGAGATCTGAT 763
QY 162 ValValGluIleThrGluAsnSerGlnLeuArgLysThrArgAsnSerGlyProCys 181
Db 764 GTTGTGAATTCACAGAAACAGCCAGGAGCTTGTGATGTGGAACTCAAGTGGGCTCTGT 823

QY 182 LeuSerGlySerLeuValSerLeuHisGlySerLeuAlaCysGlyLysSerLeuLysThrPro 201
 Db 824 CTCACGAGCTCCCTGGTCTCCCTGACATGCTGTGTGGAAAGAGCTTAAGAAGCCCC 883
 QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTyrGlnValSerIleGln 221
 Db 884 CGTGTGGTGGGTGGGAGAGAGGCTCTGTGATTTCTTGCTTGGCAGGTGACATCCAG 943
 QY 222 TyrAspLysGlnHisValCysGlyLysSerIleLeuAspProHisTrpValLeuThrAla 241
 Db 944 TACGCAAAACAGCAGCTGTGTGAGGAGCATCTCGAACCCCACTGGGCTCTCAAGGCA 1003
 QY 242 AlaHisGlyPheArgLysHisIleThrAspValPheAsnTrpValArgAlaGlySerAsp 261
 Db 1004 GCCCACTGCTTCAGGAAACATACCATGTGTTCACATGGAAGGTGGGGAGGCTCAAC 1063
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
 Db 1064 AACCTGGGAGCTTCCCATCCCTGGCTGTGGCCAGATCATCATTTGAATTCACCC 1123
 QY 282 MetTrpProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 Db 1124 ATGTACCCCAAGACAAAGACATGCGCTCATGAGCTGCAAGTCCCACTCACTTCTCA 1183
 QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
 Db 1184 GGCAACAGTCAGGGCCATCTGTCTGCCCTTCTTGTGTGAGAGCTCACTCCAGCCCA 1243
 QY 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyLysLysMetSerAspIleLeu 341
 Db 1244 CTCGTGATCATTTGAGTGGGCTTTACAGAACAGATGAGGGAAAGATGTGACATCTG 1303
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 Db 1304 CTGCAAGGCTCAGCTCAGCTCATTTACAGCACACGGTGCATAGCAGAGATCGTACCG 1363
 QY 362 GlyGluValIleThrGluLysMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
 Db 1364 GGGGAAAGTCCAGCAAGATGATGTGTGACAGGATCCCGAAGGGGGTGTGACACCTGC 1423
 QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnIleAspGlnIleThrIleValValGlyIle 401
 Db 1424 CAGGCTGACAGGTGGGCTCTGTGATGATCCATCTGACACAGTGGAGTGGGCAATC 1483
 QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
 Db 1484 GTTACCTGGGGCTATGCTGCGGGGGGCCGAGCACCCCAAGATATACCAAGGTCTCA 1543
 QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTyrLysAlaGluLeu 435
 Db 1544 GCTATCTCACTGATGATCAATGTCTGGAAGGCTGAGCTG 1585
 RESULT 27
 PCT-US01-18568-1
 ; Sequence 1, Application PC/TUS0118568
 ; GENERAL INFORMATION:
 ; APPLICANT: Darrow, Andrew L
 ; APPLICANT: Qi, Jia-Jen
 ; APPLICANT: Andrade-Gordon, Patricia
 ; TITLE OF INVENTION: DNA encoding human serine protease D-G
 ; FILE REFERENCE: ORT-1273
 ; CURRENT APPLICATION NUMBER: PCT/US01/18568
 ; CURRENT FILING DATE: 2001-06-08
 ; NUMBER OF SEQ ID NOS: 9
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 1
 ; LENGTH: 2121
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; PCT-US01-18568-1
 Alignment Scores:

Pred. No.: 0
 Score: 2335.00
 Percent Similarity: 99.77%
 Best Local Similarity: 99.77%
 Query Match: 99.70%
 DB: 1
 Gaps: 0
 Length: 2121
 Matches: 434
 Conserved: 0
 Mismatches: 1
 Indels: 0
 US-10-803-530-2 (1-435) x PCT-US01-18568-1 (1-2121)
 QY 1 MetAspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysPro 20
 Db 277 ATGATCTCTGACATGTATCACTCTGAACAGCTCTGATTCAAACCCCTTCGCAAAACC 336
 QY 21 ArgIleProMetGluTrpPheArgLysValGlyIleProIleIleIleAlaLeuLysSer 40
 Db 337 CGTATCCCATGAGACCTTGAAGAGTGGGATCCCATCATCATAGCACTAGTACG 396
 QY 41 LeuAlaSerIleIleIleValValLeuIleLysValIleLeuAspLysTyrTrpPhe 60
 Db 397 CTGGCAGATATCATATGTGTGTCTCATCAAGGTGATTCGATTAATTAATTAATTC 456
 QY 61 LeuCysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAsp 80
 Db 457 CTGCGGGGAGCTCTCCATCTTCATCCAGAGAGCAGCTGTGTGACGAGAGCTGAC 516
 QY 81 CysProLeuGlyGluAspGluGluHisGlyValLysSerPheProGluGlyProAlaVal 100
 Db 517 TGTCCCTTGGGAGAGAGAGAGAGCATGTGTTCAGAGCTTCCCGAAGGGCTGTGAGT 576
 QY 577 GCAATCCCTCTCCAAAGACCGATCCCATGCAAGGTGCTGACTGGCCACAGGAGAAC 636
 Db 121 TrpPheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGln 140
 QY 637 TGTCTCTGCTGCTGTTGCAACATTCACAGAGCTCTCGTGGAGACGCTGTAGGAG 696
 Db 141 MetGlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeu 160
 QY 697 ATGGCTACACAGAAACCCATTTCAAGGTGTGGAGATTTGGCCCAAGACCAAGATCTG 756
 Db 161 AspValValGluIleThrGluAsnSerGlnLeuAspArgMetArgAsnSerSerGlyPro 180
 QY 757 GATGTGTGAATATACAGAAACAGCCAGAGCTTGCATGCGGCAATCAAGTGGGCC 816
 Db 181 CysLeuSerGlySerLeuValSerLeuHisGlySerLeuAlaCysGlyLysSerLeuLysThr 200
 QY 817 TGTCTCTCAGGCTCCCTGTCTCCCTGCACTGTCTGTGCTGTGGAGAGAGCTGAAAGCC 876
 Db 201 ProArgValValGlyGlyGluGluAlaSerValAspSerTrpProTyrGlnValSerIle 220
 QY 877 CCCCTGTGGTGGGTGGGAGAGGCTCTGTGATTTCTTGCCCTTGGAGGTGACATC 936
 Db 221 GlnTyrAspLysGlnHisValCysGlyLysSerIleLeuAspProHisTrpValLeuThr 240
 QY 937 CAGTACGACAAACAGCAGCTGTGTGAGGAGCATCTCGAACCCCACTGGGTCTCTCAG 996
 Db 241 AlaAlaHisGlyPheArgLysHisIleThrAspValPheAsnTrpValArgAlaGlySer 260
 QY 997 GCAGCCCACTGCTTCAAGAAACATACCATGTGTTCATGGAAGGTGCGGGCAGGCTCA 1056
 Db 261 AspLysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsn 280
 QY 1057 GACAAACAGGAGCTTCCCATCCCTGTGCTGTGGCCAGATATATCATTTGAATTCAC 1116
 Db 281 ProMetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPhe 300
 QY 1117 CCCATGTACCAAAAGACATGACATGCGCCCATGAGCTGCAAGTCCCACTCACTTTC 1176
 Db 301 SerGlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThr 320
 QY 1177 TCAGGCACAGTCAAGGCCATCTGTCTGCCCTTCTTGTGTGAGAGACTCACTCCAGCCACC 1236

QY	321	ProLeuTriPLeIleIeIyTrpGlyPheTrtIyVgIaSmgIyGlyLysMetSerAplIe	340
Db	1237	CCACCTCGATCAATTGGATGGGGCTTTACGAAGCAAAATGGAGGAAAGATGTCTGCATTA	1299
QY	341	LeuLeuGlnAlaIleSerValGlnValIleAapSerThrArgCysAlaGlnAlaAapAplATyr	360
Db	1297	CTGTCTGCAGGCGCTCATCTCCAGGTCATTTGACAGCACAGGCTGCATTCACAGATGGCTAC	1355
QY	361	GInGIyGluValThrGlyLysMetMetCysAlaGlyTleProGlnGlyGlyValAspThr	380
Db	1357	CTGGGGGAAGTCAACGAGAAATGATGTGTGCAGGCATCCCGAAGGGGGTGTGACACC	1411
QY	381	CysGlnGlyAapSerGlyGlyProLeuMetTyrGlnSerAapGlnTTPHisValValGly	400
Db	1417	TGCCAAGGGGACAGTGGTGGGCCCTCGAATGCACATTCAGACAGTGGCATTTGGTGGGC	1476
QY	401	IleValIleSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrIySerVal	420
Db	1477	ATCGTTAAGCTGGGGCTAATGAGCTGGCGGGGCCGAGACGCCAGGGGTATTACACCAAGGTC	1538
QY	421	SerAlaTyrLeuAsnTriPLeIleThyZnSerValITrpyValIleGluLeu	435
Db	1537	TCAAGCTATCTCACTGCATCTTCAATGTCTGGAAAGGCTGAGACTG	1581

```

RESULT 28
PCT-US01-18568A-1
: Sequence 1, Application PC/TUS0118568A
: GENERAL INFORMATION:
: APPLICANT: Darrow, Andrew L
: APPLICANT: Qi, Jian-Shen
: APPLICANT: Andrade-Gordon, Patricia
: TITLE OF INVENTION: DNA encoding human serine protease D-G-
: FILE REFERENCE: ORT-1273
: CURRENT APPLICATION NUMBER: PCT/US01/18568A
: CURRENT FILING DATE: 2001-06-08
: NUMBER OF SEQ ID NOS: 9
: SOFTWARE: PatentIn Ver. 2.1
  SEQ ID NO 1
    LENGTH: 2121
    TYPE: DNA
    ORGANISM: Homo sapiens
PCT-US01-18568A-1

```

Alignment Scores:	
Pred. No.:	0
Score:	2335.00
Percent Similarity:	95.77%
Best Local Similarity:	95.77%
Query Match:	99.70%
BB:	1
Gaps:	0
Length:	2121
Matches:	434
Mismatches:	1
Indels:	0
Gaps:	0

US-10-803-530-2 (1-435) x PCT-US01-18568A-1 (1-2121)

Protein	Accession	Length	Score	E-value
QY	Me1aSPbPtoApsSerIaSPbGlnProLeuAmsSerLeuApsValIlyProLeuArygysPro	20		
Db	277	ATGATCCTGACAGTATCAACCTCGAAGAGCTGATCAAACTCCCTGGCAAACTCC	33	
QY	21	ArgIleProMetGlnThrPheArglyValGlyIleProIleIleLeuLeuSer	40	
Db	337	CGATATCCCAATGGAGACCTTCAGAAAGTGGGATCCCATCATATATAGCACTACTGAGC	39	
QY	41	LeuAlaSerIleIleIleValValLeuIleIleValIleLeuApsIlyTyrTyrPhe	60	
Db	397	CTGGCGAGTATCATATGTCGTTCCTCATCAAGATATTCGTGAATTAATCACTTC	45	
QY	61	LeuCyb6IlyGlnProLeuHisPheIleProArglyGlnLeuCyasp6IlyGlnLeuAps	80	
Db	457	CTCTGCGGAGAGCTCTTCACATTCATCCGAGAGAGCAGCTGTGTGACGAGAGCTGGAC	51	
QY	81	CysProLeuGlnIlyLysArgIlyGlnHisCysValLysSerPheProGlnIlyProAlaVal	100	
Db	517	TGTCCTTGGGGAGAGACAGAGAGCATGTGTCTCAAGAGCTTCCCGAAGGGCTCGACAGTG	57	

QY	101	AlaValAlaArgLeuSerLysAspAspGseThrLeuGlnValLeuAspSerAlaThrTrpLysn	120
Db	577	GCAATCGGCCTCTTCCAAAGAACCAATCCACTGAGAGTGCCTGAACTCCGACACAGGGAAAC	636
QY	121	TrpPheSerAlaCySPheAspAenPheThrGluValAlaLeuAlaGluThrAlaCySRgGln	140
Db	637	TGGTTCCTCGCTCTGTTCCAACTTCCAGAAAGCTCTCGCTGAGACAGCTCTTACAG	696
QY	141	MetGlyLysSerSerLysProThrPheAlaGalaValGluValIleGlyProAspGlnAspLeu	160
Db	697	ATGGAGCTACAGACAGAAACCACCTTTCCAGAGCTGTGAGATTGCGCCAGACCAGATCTTG	756
QY	161	AspValValGluIleThrGluAenSerGlnGluLeuArgMetArgAsnSerSerGlyPro	180
Db	757	GAGTGTGTTGAATTACAGAAACACCCAGAGACTTCGATGTGGAACTCAAGTGGGACC	816
QY	181	CysLeuSerGlySerLeuValSerLeuHisCysLeuValaCysGlyLysSerLeuLysThr	200
Db	817	TGTCCTCAAGGCTCCCTGTCTCTCCGCACTGCTCTGCTGGAGAAAGCTCGAAAGACC	876
QY	201	ProArgValValGlyGlyGluGlnValaSerValAspSerTrpProThrGlnValSerIle	220
Db	877	CCCCGTGTGGTGGTGGGAGAGAGCTCTGTGTGATTCTTGGCTTTGGCAGGTCACGATC	936
QY	221	GlnTrpAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThr	240
Db	937	CAGTAGAACAAACAGACACCTGTGGAGGAGCAATCTTGACCCCCCACTGGGCTCTCAAG	996
QY	241	AlaAlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySer	260
Db	997	GCAAGCCACTGCTCTCAGAAACATACCAATGTGTTCACCTGAAAGTCCGGGACAGCTCA	1056
QY	261	AspLysLeuGlySerPheProSerLeuAlaValAlaValIleIleIleGluPheAsn	280
Db	1057	GACAAACTGGGACGCTTCCATCCCTGGCTGTGGCCAAAGATCATATCATTTGAATTCAAC	1116
QY	281	PrometLysProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPhe	300
Db	1117	CCCAATGATACCCCAAAAGAACATGATACCTCCCTCATGAAGCTGCAAGTTCCTCACTCACTTTC	1176
QY	301	SerGlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThr	320
Db	1177	TGAGGACAGCTAGGCCCACTCTGTCTGCCCTTCTTGAATGAGAGCTCACTCCAGCCACC	1236
QY	321	ProLeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIle	340
Db	1237	CCACTCTGATCATTTGATGGGGCTTTTCGAAGCAGATGGAGGGAAGATCTCGACATA	1296
QY	341	LeuLeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrp	360
Db	1297	CTGCTGCAGGGGTCACTCAAGTCAAGTCAAGCAACACGAGTGAATGACAGCAAGAGCCGTAC	1356
QY	361	GlnGlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThr	380
Db	1357	CTGGGGGGAAGTCAACGAGAAGATGATGTGTCAAGCATCCCGAAGGGGGGTGTGACACC	1416
QY	381	CysGlnGlyAspSerSerGlyGlyProLeuMetLysGlnSerAspGlnTrpHisValaValGly	400
Db	1417	TGCCAGGGGTGACATGTGTGGGCCCTCTATGTACCAATCTCAACAGTGGCATGTGTGGTGGGC	1476
QY	401	IleValSerTrpGlyTrpGlyCysGlyGlyProSerThrProGlyValaTrpThrIleVal	420
Db	1477	ATCGTTAGTGTGGGCTATGTGCTGTGGGGGGGCCCAAGCACCCCAAGGGGATATCACCAAGGTC	1536
QY	421	SerAlaLysLeuAsnTrpLysTrpAsnValTrpLysAlaGluLeu	435
Db	1537	TCAACCTATCTCAACTGATCTCAATATGTCTGGAAGGCTAGCTG	1581

APPLICANT: Qi, Jain-shen
APPLICANT: Andrade-Gordon, Patricia
TITLE OF INVENTION: DNA encoding human serine protease D-G
FILE REFERENCE: ORF-1273
CURRENT APPLICATION NUMBER: US/10/803,530
CURRENT FILING DATE: 2004-03-17
PRIOR APPLICATION NUMBER: US/09/607,745
PRIOR FILING DATE: 2000-06-30
NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 1
LENGTH: 2121
TYPE: DNA
ORGANISM: Homo sapiens
US-10-803-530-1

Alignment Scores:
Pred. No.: 0 Length: 2121
Score: 2335.00 Matches: 434
Percent Similarity: 99.77% Conservative: 0
Best Local Similarity: 99.77% Mismatches: 1
Query Match: 99.70% Indels: 0
DB: 62 Gaps: 0

US-10-803-530-2 (1-435) x US-10-803-530-1 (1-2121)

QY	1	MetAaPProAaSPSeAaSPGlnProLeuAaNSerLeuAaPValIyPProLeuAaRgIySPPro	20
DB	277	ATGATCTGTGACAGTATCAACCTGTGAACAGCTCGATGTCAACCCCTGGGCAAAACC	336
QY	21	ArgIleProMetGluThrPheAaRgIySValGlyIleProIleIleIleAaLeuAaSer	40
DB	337	CGTATCCCAAGGAACCTTCAAGAAAGTGGGATCCCATCATCATGACATCTAGAC	396
QY	41	LeuAaSerIleIleIleValIleValIleuIleIleValIleuAaPlyTyThrPhe	60
DB	397	CTGGAGATCATCATATGTGGTGTCTCCATCAAGGTGATCTCGATTAATACTACTTC	456
QY	61	LeuCyRgIyGlnProLeuHisPheIleProAaRgIySValIleuCyAaSPGlyIleuAaP	80
DB	457	CTCTGGGGGAGCCCTCTCACTTCATCCGAGAAAGAGCTGTGACGAGAGCTGGAC	516
QY	81	CysPProLeuGlyIleuAaSPGlyIleuHisCysValIySerPheProGlyIleProAaVal	100
DB	517	TGTCTCTTGGGGAG	576
QY	101	AlaValAaRgIleuSerIySAsPaRgSerThrIleuGlnValIleuAaSPSerIleThrIyAa	120
DB	577	GCAATCCGCTCTCAAG	636
QY	121	TrpPheSerAlaCysPheAaSPaSPaPheThrIleuAlaIleuAlaGluThrAlaCysAaRgI	140
DB	637	TGGTCTCTGCTCTGCTTTCACAACTTCACAGAAAGCTCTGAGAGAGAGAGAGAG	696
QY	141	MetGlyIySerSerIySerProThrPheAaRgIleValIleGlyIleProAaSPGlnAaPleu	160
DB	697	ATGGGCTACAG	756
QY	161	AaPValIleGluIleThrIleuAaNSerGlnIleuAaRgMetAaRgAaNSerSerGlyPro	180
DB	757	GATGTGTGTAATCAAGAAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG	816
QY	181	CysLeuSerGlySerIleuValSerIleuHisCysValIySerIySAsPaRgSerIyThr	200
DB	817	TGTCTCTCAAG	876
QY	201	ProAaRgValIleGlyIleGlnIleuAaSPSerIleuAaSPSerIleProGlnIleValSerIle	220
DB	877	CCCCGCTGTGTGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG	936
QY	221	GlnTyAaSPlyGlnIleValCysGlyIySerIleuAaSPProIleThrIyValIleuThr	240
DB	937	CAGTACGAAACAG	996

QY	241	AlaAlaHisCysPheAaRgIySValIleThrAaPValIleAaThrIyValIleAaRgIySer	260
DB	997	GCAAGCCCACTCTTCAAGAAACATPACGATGTGTCAATGTGAAGTTCGGGAGAGCTCA	1056
QY	261	AspIySLeuGlySerPheProSerIleuAlaValAlaIySValIleIleIleIleGluPheAa	280
DB	1057	GACAACTGGGAGAGCTTCCATCCCTGCTGTGGCAAGATCATCATGTAATTCAC	1116
QY	281	ProMetTyProIySAsPaSPaSPaIleAlaLeuMetIySLeuGlnPheProLeuThrPhe	300
DB	1117	CCCATGTACCCCAAGACATGATGATGATGATGATGATGATGATGATGATGATGATG	1176
QY	301	SerGlyThrValAaRgProIleCysLeuProPhePheAaSPGlyIleuThrIleProAaThr	320
DB	1177	TCAGGCAAGTCAAGAGCCCATCTGTCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT	1236
QY	321	ProLeuThrIleIleGlyIleThrIyPheThrIySValIleGlyIySLeuMetSerIle	340
DB	1237	CCACTGTGATCATGTGATGATGATGATGATGATGATGATGATGATGATGATGATG	1296
QY	341	LeuLeuGlnAlaSerValGlnValIleAaSPSerThrAaRgCysAaSPaSPaIleAaRg	360
DB	1297	CTGCTGAGAGGCTCATCTCAGTCAATTCACAGCAGCAGCAGCAGCAGCAGCAGCAG	1356
QY	361	GlnGlyIleValIleThrIySLeuMetCysAlaGlyIleProGlyIleGlyIleValIlePThr	380
DB	1357	CTGGGGAGAGTCAAGAGAGATGATGTGTGATGATGATGATGATGATGATGATGATG	1416
QY	381	CysGlnIyAaSPSerGlyIyProLeuMetTyRgIleSerAaRgIleThrIleValIleGly	400
DB	1417	TGCCAGGTGTGACAGGTGGGAGCCCTGATGTACATGTGACAGTGGCATGTGTGTGG	1476
QY	401	IleValSerTyPglTyRgIyCysGlyIyProSerThrProGlyIleValIleThrIySVal	420
DB	1477	ATCGTACTGTGGGCTATAGCTGTGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAG	1536
QY	421	SerAlaTyLeuAaSPThrIleTyRgAaValIleTyRgAaIleu	435
DB	1537	TCAGCTATCTCACTGATCTCAATGTGTGAAAGGTGAGCTG	1581

RESULT 30
US-10-417-375-139
; Sequence 139, Application US/10417375
; GENERAL INFORMATION:
; APPLICANT: David W. Morris
; APPLICANT: Marc Malandro
; TITLE OF INVENTION: Novel Therapeutic Targets in Cancer
; FILE REFERENCE: 529452001600
; CURRENT APPLICATION NUMBER: US/10/417,375
; CURRENT FILING DATE: 2003-04-15
; NUMBER OF SEQ ID NOS: 176
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 139
; LENGTH: 2590
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-417-375-139

Alignment Scores:
Pred. No.: 0 Length: 2590
Score: 2333.00 Matches: 434
Percent Similarity: 99.77% Conservative: 0
Best Local Similarity: 99.77% Mismatches: 1
Query Match: 99.62% Indels: 0
DB: 51 Gaps: 0

US-10-803-530-2 (1-435) x US-10-417-375-139 (1-2590)

QY	1	MetAaPProAaSPSeAaSPGlnProLeuAaNSerLeuAaPValIyPProLeuAaRgIySPPro	20
DB	226	ATGATCTGTGACAGTATCAACCTGTGAACAGCTCGATGTCAACCCCTGGGCAAAACC	285

QY 21 ArgIleProMetGluThrPheArgLyValGlyIleProIleIleIleAlaLeuLeuSer 40
Db 286 CGTATCCCATGAGACCTTCAGAAAGGTGGGAGTCCCATCATCATATGCACTGAGC 345
QY 41 LeuAlaSerIleIleIleValValIleuIleLyValIleLeuApLyTyTYrPhe 60
Db 346 CTGGCGAGTATCATATGTGTGTCTCTCATCAAGGTGATTCGTGTAATAATCACTTC 405
QY 61 LeuCyGlyGlnProLeuHisPheIleProArgLyGlnLeuCyAspGlyGlnLeuAsp 80
Db 406 CTCTGCGGGAGCCTCTTCACCTTCATCCGAGAAAGCCTGTGTGAGCGAGAGCTGAC 465
QY 81 CysProLeuGlyGluAspGluGluHisCysValIlySerPheProGluGlyProAlaVal 100
Db 466 TGTCTCTTGGGGAGAGAGAGACAGCTGTCAAGAGCTTCCCGAAAGGCTCGAGTG 525
QY 101 AlaValArgLeuSerLyAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsn 120
Db 526 GCACTCCGCTCTCCAGAGACCGATCCACATGAGGTGTGAGCTCGGCGACAGGGAAC 585
QY 121 ThrPheSerIaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGln 140
Db 586 TGTCTCTGCTCTCTTTCGACACTTCACAGAGCTCTGCTGAGACGCTGTAGGGAG 645
QY 141 MetGlyTySerSerLySProThrPheArgAlaValGluIleGlyProAspGlnAspLeu 160
Db 646 ATGGGCTACAGACCAAAACCACTTTCAGAGCTGTGAGGATTGGCCCAAGAGATCTG 705
QY 161 AspValValGluIleThrGluAsnSerGlnLeuArgMetArgAsnSerSerGlyPro 180
Db 706 GATGTGTGTAATCACAGAAACAGCAGAGCTTCACAGCGAACTCAAGTGGGCGCC 765
QY 181 CysLeuSerGlySerLeuValSerIleuHisCysLeuAlaCysGlyLySLeuLeuThr 200
Db 766 TGTCTCTGAGCTCTCTGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 825
QY 201 ProArgValValGlyGlyGluGluAlaSerValAspSerTyProTyrGlnValSerIle 220
Db 826 CCCGCTGAGGTGGGTGAGAGAGCCCTGTGATTCCTTGGCCCTTGGCAGTCAAGCATC 885
QY 221 GlnTyTrAspLyGlnHisValCysGlyGlySerIleLeuAspProHisTyrValLeuThr 240
Db 886 CAGTACACAAACAGCAGCTGTGAGAGGAGCATCTCGAGACCCCACTGGGCTCTCAGC 945
QY 241 AlaAlaHisCysPheArgLyHisIleThrAspValPheAsnTyrValArgAlaGlySer 260
Db 946 GCAAGCCATGCTTCAGAGAAACATACGATGTTCATCTGAAAGTTCGGGAGGCTCA 1005
QY 261 AspLyLeuGlySerPheProSerIleuAlaValAlaLySleIleIleGluPheAsn 280
Db 1006 GACAAACCTGGGACCTTCCCATCTGCTGGCTGGCCAAAGATCATCATATTGAATTCAC 1065
QY 281 ProMetTyTrProLyAspAsnAspIleAlaLeuMetLySLeuGlnPheProLeuThrPhe 300
Db 1066 CCCATGTACCCCAAGAACAAAGACATGCTCATGAAAGCTGCAATCCCACTCACTTC 1125
QY 301 SerGlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThr 320
Db 1126 TCAGGCAAGTCAAGGCCATGTCTGCTCTCTTGTATGAGAGCTTCATCTCAGCCACC 1185
QY 321 ProLeuTyrIleIleGlyTyPyrGlyPheThrLySLeuAsnGlyLySmetSerAspIle 340
Db 1186 CCACTCTGGATCATTTGATGGGGCTTTACGAAGCAGATGAGGGAGAGATTCGACATA 1245
QY 341 LeuLeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTy 360
Db 1246 CTGTGTGAGGGGTAGTCAAGTCAATGACAGCACACGTCATGACAGAGAGCGTAC 1305
QY 361 GlnGlyGluValThrGluLyMetMetCysAlaGlyIleProGluGlyGlyValAspThr 380
Db 1306 CAGGGGAGAGTCAACGAGAGATGATGTGTGAGGATCCCGAAGGGGGGTGAGACCC 1365
QY 381 CysGlnGlyAspSerGlyGlyProLeuMetTyGlnSerAspGlnTyrPheIleValGly 400

Db 1366 TGGCAGGGTACAGTGGTGGGCCCTGATGTACCAATCTACAGAGTGGATGTGGTGGC 1425
QY 401 ILeValSerTyPyrGlyTyGlyCysGlyGlyProSerThrProGlyValTyTrThrLyVal 420
Db 1426 ATGCTTAGTGGGGCTATGTGCTGGGGGGCCAGACCCCAAGAGTATCACCAAGTTC 1485
QY 421 SerAlaTyLeuAsnTyrIleTyAsnValTyrLyAlaGluLeu 435
Db 1486 TCAGCTTCTCAACTGATGATCTTACATGTGTGAGAGGCTGAGCTG 1530
RESULT 31
US-10-417-375A-139
; Sequence 139, Application US/10417375A
; GENERAL INFORMATION:
; APPLICANT: David W. Morris
; APPLICANT: Marc Malandro
; TITLE OF INVENTION: Novel Therapeutic Targets in Cancer
; FILE REFERENCE: 529452001600
; CURRENT APPLICATION NUMBER: US/10/417,375A
; NUMBER OF SEQ ID NOS: 176
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 139
; LENGTH: 2590
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-417-375A-139
Alignment Scores:
Pred. No.: 0 Length: 2590
Score: 2333.00 Matches: 434
Percent Similarity: 99.77% Conservative: 0
Best Local Similarity: 99.77% Mismatches: 1
Query Match: 99.62% Indels: 0
Gaps: 0
US-10-803-530-2 (1-435) x US-10-417-375A-139 (1-2590)
QY 1 MetAspProAspSerAspGlnProLeuAsnSerLeuAspValLySProLeuArgLySPro 20
Db 226 ATGGATCTTACAGTATGATCAACCTTCGACAGGCTTCATATCAAACTCTGGCGAAACCC 285
QY 21 ArgIleProMetGluThrPheArgLyValGlyIleProIleIleIleAlaLeuLeuSer 40
Db 286 CGTATCCCATGAGACCTTCAGAAAGGTGGGAGTCCCATCATCATATGCACTGAGC 345
QY 41 LeuAlaSerIleIleIleValValIleuIleLyValIleLeuApLyTyTYrPhe 60
Db 346 CTGGCGAGTATCATATGTGTGTCTCTCATCAAGGTGATTCGTGTAATAATCACTTC 405
QY 61 LeuCyGlyGlnProLeuHisPheIleProArgLyGlnLeuCyAspGlyGlnLeuAsp 80
Db 406 CTCTGCGGGAGCCTCTTCACCTTCATCCGAGAAAGCCTGTGTGAGCGAGAGCTGAC 465
QY 81 CysProLeuGlyGluAspGluGluHisCysValIlySerPheProGluGlyProAlaVal 100
Db 466 TGTCTCTTGGGGAGAGAGAGACAGCTGTCAAGAGCTTCCCGAAAGGCTCGAGTG 525
QY 101 AlaValArgLeuSerLyAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsn 120
Db 526 GCACTCCGCTCTCCAGAGACCGATCCACATGAGGTGTGAGCTCGGCGACAGGGAAC 585
QY 121 ThrPheSerIaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGln 140
Db 586 TGTCTCTGCTCTCTTTCGACACTTCACAGAGCTCTGCTGAGACGCTGTAGGGAG 645
QY 141 MetGlyTySerSerLySProThrPheArgAlaValGluIleGlyProAspGlnAspLeu 160
Db 646 ATGGGCTACAGACCAAAACCACTTTCAGAGCTGTGAGGATTGGCCCAAGAGATCTG 705
QY 161 AspValValGluIleThrGluAsnSerGlnLeuArgMetArgAsnSerSerGlyPro 180

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Db 706 GATGTTGTAATCAACAGAAAACAGCCAGAGCTTCGATCGGGAAGCTCAAGTGGGCC 765
Qy 181 CysleuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThr 200
Db 766 TGTCTCTAGAGCTCCCTGGTCTCCCTGCACTGTCTTGCTGGGAGAGAGCTGAAGACC 825
Qy 201 ProArgValAlaGlyGlyGluGluAlaSerValaAspSerTrpProTrpGlnValSerIle 220
Db 826 CCCCTGTGTGGTGGTGGTGGAGAGAGCCCTGTGGATTTCTTGCCCTTGGCAGGTCAAGATC 885
Qy 221 GlnTrpAspLysGlnHisValCysGlyLysSerIleLeuAspProHisTrpValLeuThr 240
Db 886 CAGTACGACAAACAGACAGTCTGTGGAGGAGCATCTGAGACCCCACTGGGGTCTCTCAG 945
Qy 241 AlaAlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySer 260
Db 946 GCAGCCCACTGCTTCAGAGAAACATACCGATGTGTTCACACTGGAGAGTGGGGCAGGCTCA 1005
Qy 261 AspLysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsn 280
Db 1006 GACAAACTGGGAGCTTCCTCCATCCCTGGCTGTGGCCAGATCATCATTAATCAATCAAC 1065
Qy 281 ProMetTrpProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPhe 300
Db 1066 CCATGTACCCCAAGACATGATCATTCGCTCATGAGAGCTGCAAGTCCCACTCACTTTC 1125
Qy 301 SerGlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThr 320
Db 1126 TCAGGCACAGTCAGGCCCATCTGTCTGCCCTTCTTGATGAGAGACTCACTCCAGCCACC 1185
Qy 321 ProLeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIle 340
Db 1186 CCACCTGTGATATTGGATGGGAGGCTTTACAGAGCAGATGAGAGGAGATGTCTGACATTA 1245
Qy 341 LeuLeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrp 360
Db 1246 CTGCTGCGAGGCGTCAAGTCCAGTTCATTTGACACACACGCTGCAATGACAGCATGCTAC 1305
Qy 361 GlnGlyGluValThrGlnLysMetMetCysAlaGlyIleProGluGlyGlyValAspThr 380
Db 1306 CAGGGGGAAGTCACCGAGAGATGATGTGTGACAGGATCCCGAAGGGGGTGTGACACCC 1365
Qy 381 CysGlnGlyAspSerGlyGlyProLeuMetTrpGlnSerAspGlnTrpHisValValGly 400
Db 1366 TCCGAGGGGACAGATGGTGGGCCCTGATGTACCAATCTGACCATGTGGCATGTGGTGGCC 1425
Qy 401 IleValSerTrpGlyTrpGlyCysGlyGlyProSerThrProGlyValTrpThrLysVal 420
Db 1426 ATCGTTAGTGGGGCTATGGCTGGCGGGGCCCGAGACACCCAGAGTATACCAAGATGTC 1485
Qy 421 SerAlaTrpLeuAsnTrpIleTrpAsnValTrpLysAlaGluLeu 435
Db 1486 TCAGCTATCTCAACTGATCTCAATGATCTGTGGAAGCTGAGCTG 1530

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RESULT 32
US-10-417-375B-139

/ Sequence 139, Application US/10417375B
/ GENERAL INFORMATION:
/ APPLICANT: David W. Morris
/ APPLICANT: Marc Malandro
/ TITLE OF INVENTION: Novel Therapeutic Targets in Cancer
/ FILE REFERENCE: 529452001600
/ CURRENT APPLICATION NUMBER: US/10/417,375B
/ NUMBER OF SEQ ID NOS: 176
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 139
/ LENGTH: 2590
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-10-417-375B-139

Alignment Scores:

```

Pred. No.: 0
Score: 2333.00
Percent Similarity: 99.77%
Best Local Similarity: 99.77%
Query Match: 99.62%
DB: 51
Gaps: 0

US-10-803-530-2 (1-435) x US-10-417-375B-139 (1-2590)

Qy 1 MetAspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysPro 20
Db 226 ATGATCTCTGACAGATCAACCTTGAACAGCTCGATGTCAAAACCCCTGGCAAAACC 285
Qy 21 ArgIleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSer 40
Db 286 CGTATCCCAATGAGACCTTCAGAAAGGTGGGATCCCAATCATCATGACTGAGCTGAGC 345
Qy 41 LeuAlaSerIleIleIleValValLeuIleLysValIleLeuAspLysTrpThrPhe 60
Db 346 CTGGGAGTATCATCATATTGTGGTGTCTCATCAAGGTGATTCGATTAATTAATTAATTC 405
Qy 61 LeuCysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAsp 80
Db 406 CTTCGGGGGAGCCCTTCCTCACTCATCCCGAGAGAGAGCTGTGTGACGAGAGCTGAGAC 465
Qy 81 CysProLeuGlyGluAspGlyGluHisCysValLysSerPheProGluGlyProAlaVal 100
Db 466 TGTCTCTGGGGAGAGACAGAGAGCATGTGTCAAGAGCTTCCCGAAGGGGCTGCAAGT 525
Qy 101 AlaValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsn 120
Db 526 GCAATCCGCTCTCCAAAGACCGATCCACACTGACAGGTGTGACTCGGCCACAGAGGAAAC 585
Qy 121 TrpPheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGln 140
Db 586 TGTCTCTGCTGCTGTTTGAACAACCTTCAAGAGCTTCGCTGAGAACAGCTGTAGGGCAG 645
Qy 141 MetGlyTrpSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeu 160
Db 646 ATGGCTCAAGACAGAAACCCACTTTCAGAGCTGTGAGATGGCCAGACCAAGATCTG 705
Qy 161 AspValValGluIleThrGluAsnSerGlnLeuAsnArgMetArgAsnSerSerGlyPro 180
Db 706 GATGTTGTAATCAACAGAAAACAGCCAGAGGCTTCGATCGGAATCTCAAGTGGGCC 765
Qy 181 CysLeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThr 200
Db 766 TGTCTCTAGAGCTCCCTGGTCTCCCTGCACTGTCTTGCTGGGAGAGAGCTGAAGACC 825
Qy 201 ProArgValAlaGlyGlyGluGluAlaSerValaAspSerTrpProTrpGlnValSerIle 220
Db 826 CCCCTGTGTGGTGGTGGTGGAGAGCCCTGTGGATTTCTTGCCCTTGGCAGGTCAAGATC 885
Qy 221 GlnTrpAspLysGlnHisValCysGlyLysSerIleLeuAspProHisTrpValLeuThr 240
Db 886 CAGTACGACAAACAGACAGTCTGTGGAGGAGCATCTGAGACCCCACTGGGGTCTCTCAG 945
Qy 241 AlaAlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySer 260
Db 946 GCAGCCCACTGCTTCAGAGAAACATACCGATGTGTTCACACTGGAGAGTGGGGCAGGCTCA 1005
Qy 261 AspLysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsn 280
Db 1006 GACAAACTGGGAGCTTCCTCCATCCCTGGCTGTGGCCAGATCATCATTAATCAATCAAC 1065
Qy 281 ProMetTrpProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPhe 300
Db 1066 CCATGTACCCCAAGACATGATCATTCGCTCATGAGAGCTGCAAGTCCCACTCACTTTC 1125
Qy 301 SerGlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThr 320
Db 1126 TCAGGCACAGTCAGGCCCATCTGTCTGCCCTTCTTGATGAGAGACTCACTCCAGCCACC 1185

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QY 321 ProleuTrrp1le1leg1Yrpg1YpHeThrLyGlnaSnG1Yg1YlYsMeTSeRasp1le 340
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Db 1186 CCACTCGATCATTTGATGGGGCTTTACGAAAGAGATGAGGAAAGATGTGACATA 1245
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QY 341 LeuLengIna1aSerValGlnVal1leAspSerThrrgCySaenAlaAspAspAlaTyr 360
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Db 1246 CTGCTGAGGCGCTGACGTGACAGTATTCAGACGACAGGTCGATTCAGAGAGGCTTAC 1305
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QY 361 GlnG1Yg1uValThrg1uYsMeMeTcYsa1aG1Y1leProG1uG1Yg1YValAspThr 380
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Db 1306 CAGGGGGAAGTCAACGGAAGATGATGTGACAGGCAATCCCGAAGGGGTGTGACACC 1365
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QY 381 CyG1nG1YAspSerG1Yg1YProLeuMeTcYrG1nSerAspG1nTrrP1sVal1aG1Y 400
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Db 1366 TGCAGGGGTGACAGTGTGGGCCCCCTGATGACCAATCTGACAGTGGCATGTGGTGGC 1425
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QY 401 l1eValSerTrpG1YrYg1YCyG1Yg1YProSerThrrProG1YVal1YrThrLySva1 420
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Db 1426 ATCGTTAGTTGGGCTGATGGCTGTGGGGGCCGAGCAACCCAGAGATATACCAAGTTC 1485
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QY 421 SerAlaTyrLeuAantTrp1leTyrAsnValTrpLySa1aG1uLeu 435
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Db 1486 TCAGCTATCTCACTGGATCTACATGTCTGAAAGGCTGAGCTG 1530
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RESULT 33
US-60-625-561-447
; Sequence 447, Application US/60625561
; GENERAL INFORMATION:
; APPLICANT: MCCAFREY, Ian
; APPLICANT: DOMON, Bruno
; TITLE OF INVENTION: PANCREATIC CANCER TARGETS AND USES
; FILE REFERENCE: CLO01557
; CURRENT APPLICATION NUMBER: US/60/625, 561
; NUMBER OF SEQ ID NOS: 586
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 447
; LENGTH: 2590
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-60-625-561-447

Alignment Scores:
Pred. No.: 0 Length: 2590
Score: 2333.00 Matches: 434
Percent Similarity: 99.77% Conservative: 0
Best Local Similarity: 99.77% Mismatches: 1
Query Match: 99.62% Indels: 0
Gaps: 0

US-10-803-530-2 (1-435) x US-60-625-561-447 (1-2590)

QY 1 MetAspProAspSerAspGlnProLeuAnSerLeuAspVal1YsProLeuArG1YsPro 20
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|
|
Db 226 ATGATTCCTGACAGTGAACCACTCTGAACAGCCCTCGATGCAAAACCCCTGGGAAAACC 285
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|
QY 21 Arg1leProMetG1uThrPheArG1YsValG1Y1lePro1le1le1leAlaLeuLeuSer 40
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|
|
Db 286 CGTATCCCCATGAGACCTTCAGAAAGGTGGGGATCCCCATCATCATATGCACTACGAGC 345
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|
QY 41 LeuAlaSer1le1le1leVal1aVal1aLeu1leYsVal1leLeuAspLyS1YrThrPhe 60
|
|
|
Db 346 CTGGGAGATATCATATGTGTCTCTCATCAAGGTGATTCGATTAATATCACTTTC 405
|
|
|
QY 61 LeuCyG1Yg1nProLeuH1sPhe1leProArG1YsG1nLeuCyAspG1Yg1uLeuAsp 80
|
|
|
Db 406 CTCTGGGGGAGCCCTCTCACTTATCCGAGGAAGCAGCTGTGTGACGAGAGCTGGAC 465
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|
QY 81 CySProLeuG1Yg1uAspG1uG1uH1sCySVal1YsSerPheProG1uG1YProAlaVal 100
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|
Db 466 TGTCCCTTGGGGGAG 525
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QY 101 AlaValArgLeuSerLySAspArgSerThrLeuGlnVal1leuAspSerAlaThrG1YsAen 120
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|
Db 526 GACGTCCGCTCTCCAGAGCCGATTCACATCTGACAGTGTGACCTGGCCACAGGAAAC 585
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|
|
QY 121 TrpPheSerAlaCySAspPheAspPheThrG1uAlaLeuAlaG1uThrAlaCyArG1n 140
|
|
|
Db 586 TGTCTCTGCGCTGTTCGACAACTTCACAGAGCTCTCGCTGAGACAGCTGTGTAGCAG 645
|
|
|
QY 141 MetG1YrYsSerSerLySProThrrPheArG1aValG1u1leG1YProAspG1nAspLeu 160
|
|
|
Db 646 ATGGGCTACAGGAGCAAAACCACTTTCAGAGCTGTGAGATTTGGCCGAGCCAGATCTG 705
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QY 161 AspVal1aG1u1leThrg1uAsnSerG1nG1uLeuArgMeTArAsnSerSerG1YPro 180
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|
Db 706 GATGTGTGAATCAACAGAAACACAGAGACTTCGATGTGGAAATCAAGTGGGCC 765
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QY 181 CyLeuSerG1YsSerLeuValSerLeuH1sCySLeuAlaCyS1YsSerLeuLyS1Yr 200
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Db 766 TGTCTCTAGGGCTCCCTGGTCTCCCTGCACTGTCTTGGGGAAGCCCTGAAAGACC 825
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QY 201 ProArG1YValG1Yg1Yg1uG1uAlaSerValAspSerTrpProTrpG1nValSer1le 220
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Db 826 CCGCGTGTGGGTGTGTGGAGAGGCTCTGTGATTTCTTGGCTTGGCAGTCAAGTTC 885
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QY 221 GlnTrAspLySg1nH1sValCySg1Yg1YSer1leuAspProH1sTrpVal1LeuThr 240
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|
Db 886 CAGTACGACAAACAGCACGCTGTGGAGGAGCATCTGGACCCCACTGGGTCTTCACG 945
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QY 241 AlaAlaH1sCySAspPheArG1YsH1sTrAspValPheAsnTrpLySValArgAlaG1YSer 260
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|
Db 946 GCAGCCCACTGCTTCAGAAACATACCGATGTGTCAACTGAAAGGTGGGGAGGCTCA 1005
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QY 261 AspLyLeuG1YsSerPheProSerLeuAlaValAlaLyS1le1le1le1leG1uPheAsn 280
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Db 1006 GACAAATGGGAGAGCTTCCATCTCGCTGTGGCCCAAGATCATCATGATTAATCAAC 1065
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|
QY 281 ProMeTyrProLySAspAsnAsp1leAlaLeuMeT1YsLeuG1nPheProLeuThrrPhe 300
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Db 1066 CCATGATACCCCAAAGACATGACATGCCCTCATGAAGCTGCAGTCCCATCACTTTC 1125
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QY 301 SerG1YThrValArpPro1leCySLeuProPheAspG1uG1uLeuThrrProAlaThr 320
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Db 1126 TCAGGCACAGTCAAGCCCATCTGTCTGCTTGTGATGAGAGGCTCACTCCAGCCACC 1185
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QY 321 ProleuTrrp1le1leg1Yrpg1YpHeThrLyGlnaSnG1Yg1YlYsMeTSeRasp1le 340
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Db 1186 CCACTCGATCATTTGATGGGGCTTTACGAAAGAGATGAGGAAAGATGTGACATA 1245
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QY 341 LeuLengIna1aSerValGlnVal1leAspSerThrrgCySaenAlaAspAspAlaTyr 360
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Db 1246 CTGCTGAGGCGTCAAGTCAAGTCAATTGACAGCACAGGTGCAATGCAAGTGCCTAC 1305
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QY 361 GlnG1Yg1uValThrg1uYsMeMeTcYsa1aG1Y1leProG1uG1Yg1YValAspThr 380
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Db 1306 CAGGGGGAAGTCAACGGAAGATGATGTGACAGGCAATCCCGAAGGAGGTGTGACACC 1365
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QY 381 CyG1nG1YAspSerG1Yg1YProLeuMeTcYrG1nSerAspG1nTrrP1sVal1aG1Y 400
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Db 1366 TGCAGGGGTGACAGTGTGGGCCCCCTGATGACCAATCTGACAGTGGCATGTGGTGGC 1425
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QY 401 l1eValSerTrpG1YrYg1YCyG1Yg1YProSerThrrProG1YVal1YrThrLySva1 420
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Db 1426 ATCGTTAGTTGGGCTGATGGCTGTGGGGGCCGAGCAACCCAGAGATATACCAAGTTC 1485
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QY 421 SerAlaTyrLeuAantTrp1leTyrAsnValTrpLySa1aG1uLeu 435
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Db 1486 TCAGCTATCTCACTGGATCTACATGTCTGAAAGGCTGAGCTG 1530
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RESULT 34
US-10-030-688-3
; Sequence 3, Application US/10030688
; GENERAL INFORMATION:
; APPLICANT: Merck Patent GmbH

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1 TITLE OF INVENTION: SerpincinHMS
2 FILE REFERENCE: SerpincinHMS
3 CURRENT APPLICATION NUMBER: US/10/030,668
4 CURRENT FILING DATE: 2002-01-14
5 NUMBER OF SEQ ID NOS: 6
6
7 SOFTWARE: PatentIn Ver. 2.1
8
9 SEQ ID NO 3

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Alignment Scores:

Pred. No.:	0	length:	1479
Score:	2329.00	Matches:	432
Percent Similarity:	100.00%	Conservative:	0
Best Local Similarity:	100.00%	Mismatches:	0
Query Match:	99.44%	Indels:	0
DB:	40	Gaps:	0

US-10-803-530-2 (1-435) X US-10-030-688-3 (1-1479)

OY	1	MetAspProAspSerAspGlnProLeuAsnSerLeuAspValIAspProLeuAlaGlyPro	20
Db	1	ATGGATCCCTGACAGGATCAACCTCTGAAACAGCTTCGATGTCAAAACCCCTGGCAAAACC	60
OY	21	ArgIleProMetGluThrPheArgIysValGlyIleProIleIleIleAlaLeuLeuSer	40
Db	61	CGTATCCCCATGGAGACCTTCAGAAAGGTGGGATCCCATCATCATATGACACTACTGAGC	120
OY	41	LeuAlaSerIleIleIleValValValLeuIleIysValIleLeuAspIysTyrTyrPhe	60
Db	121	CTGGGAGATATCATCATGTGTGTGTGCTCATCAAGGTATTCGTGAATAATCTACTTC	180
OY	61	LeuCySGlyGlnProLeuHisPheIleProArgIysGlnLeuCyAspGlyIleLeuAsp	80
Db	181	CTCTCCGGGACACCTCTCCACTTCATCCGAGGAAACAGCTGTGTACACGAGAGAGCTGGAC	240
OY	81	CysProLeuGlyGlnAspGluGluIleIleCysValIysSerPheProGluGlyProAlaVal	100
Db	241	TGTCCTCTGGGGGAGGACAGGAGGCACTGTGTCAAGAGCTTCCCAAGGGCTTCGAGTG	300
OY	101	AlaValArgLeuSerIysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsn	120
Db	301	GCAAGTCCGCTCTCCAGAGACCGATCAACACTCAGAGTGTGATCTGGCCACAGGGAAC	360
OY	121	TrpPheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGluThrAlaCysArgGln	140
Db	361	TGGTCTCTCGCTGTGTTGCACAACTTCACAGAGAGCTCTCGCTGAGACAGGCTGTAGGCAG	420
OY	141	MetGlyTyrSerSerIysProThrPheArgAlaValAlaGluIleGlyProAspGlnAspLeu	160
Db	421	ATGGGCTTACAGCAGCAACCCACTTTCAGAGCTGTGAGAGTTGACCCAGACCGAGATCTG	480
OY	161	AspValValGluIleThrGluAsnSerGlnIleLeuArgMetArgAsnSerSerGlyPro	180
Db	481	GATGTGTTGTAATCACAGAAACACAGAGAGCTTCGCATGCGGAATCTCAAGTGGGCCC	540
OY	181	CysLeuSerGlySerLeuValSerLeuHisCysLeuAlaIleCysGlyIysSerLeuIleThr	200
Db	541	TGCTCTTCAGGCTCCCTGTGCTCTCCGCACTGTCTTGCCTGTGGAAAGAACCTGAAAGAC	600
OY	201	ProArgValValGlyGlyGluGlnAlaSerValAspSerTyrProTyrGlnValSerIle	220
Db	601	CCCGCGTGGGTGGGAGGAGGAGGCTCTGTGGATTCTTGAGCCTTGGCAGGTACGATC	660
OY	221	GlnTyrAspIysGlnHisValCysGlyGlySerIleLeuAspProHisTyrPvalIleThr	240
Db	661	CAGTACGACAAACAGCACGCTGTGTGAGGAGGAGATCTTGAGACCCCACTGAGTCTTACG	720

QY	241	AlAlAlAlHisCysPheAaGlySHiSThAspValPheAsnTrpLysValAArgAlaGlySer	260
Db	721	GCAGCCCACTGGCTTCAGAGAAACATACCGAATGTGTCAACTGGAAAGTCCGGGCAAGCTCA	780
QY	261	AspLysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsn	280
Db	781	GACAAACTGGGGAGCTTCCCATCCCTGGCTGTGGCCAAAGATCATCATTTGAATTCAC	840
QY	281	ProMetTrpTrpProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPhe	300
Db	841	CCCAATGTACCCCAAGCAATGATGATGCCCTCAATGAAGCTGACCTCCACTACCTTC	900
QY	301	SerGlyThrValAArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThr	320
Db	901	TCAGGCAAGTCAGAGCCCACTGTGTCTGTCCCTCTTTATATAGAGAGCTCACTCCAGCAC	960
QY	321	ProLeuTrpIleIleGlyTyrPglYpHeThrLysGlnAsnGlyGlyLysMetSerAspIle	340
Db	961	CCACTGTGAATCATTTGATGGGGCTTTACGAAGCAGATGGAGGGAAGATGTCTGACATA	1020
QY	341	LeuLeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaThr	360
Db	1021	CTGTCTGACGGGTGAGTCCAGTTCATTTGACAGCACAGGGTGCATGACAGAGATCGTAC	1080
QY	361	GlnGlyGluValIThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspPhe	380
Db	1081	CAGGGGGAGATCACCGAGAGATATGTGTGCAGGCACTCCGAAAGGGGGGTGTGCACAC	1140
QY	381	CysGlnGlyAspSerGlyGlyProLeuMetTrpGlnSerAspGlnTrpHisValValGly	400
Db	1141	TGCCAAGGGTGCACATGGTGGGCCCTCTGATGTACCAATCTGACAGTGGCATGTGTGGGC	1200
QY	401	IleValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysVal	420
Db	1201	ATCTGTAGCTGGGGCTATGCTGTGGGGGGCCCGAGCACTCCAGAGATATACCAAGAGCT	1260
QY	421	SerAlaTyrIleLeuAsnTrpIleTyrAsnValTrpLys	432
Db	1261	TCAGCTTATCTCAACTGGATCTTACAAAGTCTGGAAAG	1296

RESULT 35

PCI-US02-08456-634
; Sequence 634, Application PC/TUS0208456

GENERAL INFORMATION:

APPLICANT: ORTHO-CLINICAL DIAGNOSTICS, INC.

; TITLE OF INVENTION: EXPRESSION PROFILES AND METHODS OF USE
 ; REFERENCE: 15112 0182

FILE REFERENCE: 15117-0187

CURRENT FILING DATE: 2002-03-20

PRIOR APPLICATION NUMBER: 60/276

PRIOR FILING DATE: 2001-03-20

; NUMBER OF SEQ ID NOS: 805

; SOFTWARE: PatentIn

; SEQ ID NO 634

LENGTH: 2165

TYPE: DNA
ORGANISM: HOMO SAPIENS

PCT-US02-08456-6

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Alignment Scores:

Alignment Scores:			
pred. No.:	0	Length:	2165
Score:	2329.00	Matches:	435
Percent Similarity:	99.77%	Conservative:	0
Best Local Similarity:	99.77%	Mismatches:	0
Query Match:	99.44%	Indels:	1
DB:	1	Gaps:	0

US-10-803-530-2 (1-435) X PCT-US02-08456-634 (1-2165)

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QY      1 MetAspProAspSerAspGlnProLeuAenSerLeuAspVallybProLeuAlglybPro 20
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Db    310 ANGSATCTCGACAGTGCATCACTCGAACAGCCTGAATGTCAAACCCTGGCCAAACCC 369
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QY 21 ArgIleProMetGluThrPheArglyValIleProIleIleIleAlaLeuLeuSer 40
DB 370 CGTATCCCATGGAAGCTTCAGAAAGTGGGGATCCCATATCATATGACTTACTGAGC 429
QY 41 LeuAlaSerTlleIleIleValIleValIleuIleIleValIleLeuAspIleTyrrPhe 60
DB 430 CTGGGAGATATCATATGATGTTGCTTCATCAAGGTGATCTGGATTAATACTACTTC 489
QY 61 LeuCySgIyGlnProLeuHIsPheIleProArglySgIleuCyAspSgIyGlnLeuAsp 80
DB 490 CTCTCGGGGAGAGCTTCATCTTCATCCGAGAAAGAGCTGTGTGACGGAGGCTGGAC 549
QY 81 CySPoleuGlyGluAspGluGluHIsCySValIySerPheProGluGlyProAlaVal 100
DB 550 TGTCCCTTGGGGGAGAGACGAGGACCTGTCTCAAGAGCTTCGGAAGGGGCTGCACTG 609
QY 101 AlaValArgLeuSerIleAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsn 120
DB 610 GCAGTCCGCTCTCCAAAGACGATCCACATGCGAGGTGCTGACTCCGCCACAGGGGAAAC 669
QY 121 TrpPheSerAlaCyPheAspAspPheThrGluAlaLeuAlaGluThrAlaCyAsArgGln 140
DB 670 TGGTCTCTGCTGCTTTGACAGACTTCACAGAGCTCTGCTGACAGAGCTGTAGGCGAG 729
QY 141 MetGlyTySerSerIyPheProThrPheArgAlaValIleGlyProAspGlnAspLeu 160
DB 730 ATGGCTTCACAGACCAACCTTCAGAGCTGTGAGATTTGGCCGACGACGAGATCTG 789
QY 161 AspValIleGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyPyr 180
DB 790 GATGTTGTTGAATACAGAAACAGCCAGAGGCTTGCAATGCGGAACTCAAGTGGGCC 849
QY 180 oCySLeuSerGlySerIleuValSerLeuHIsCySLeuAlaCySgIyIySerLeuIySth 200
DB 850 CTGTCTCTCAGAGCTCCGTGCTCTCCCTGCACTGTCTTCCCTGTGGAAAGCTCGAAGAC 909
QY 200 rProArgValIleGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIle 220
DB 910 CCCCCTGTGTGGGTGGGAGGAGGCTCTGTGATCTTGAGCTTGAGCTGACGAT 969
QY 220 eGlnIyTrAspIySgIlnHIsValIySgIyGlySerIleLeuAspProHIsTrpValIleuTh 240
DB 970 CCAATACAGAAACAGACGCTCTGTGAGAGGAGCTCTGAGCCCACTGGGTCTTCAC 1029
QY 240 rAlaAlaHIsCyAspPheArglySthIsthAspValPheAsnTrpIySValIArgAlaGlySe 260
DB 1030 GGCAGCCCACTGCTTCAGAAACATACCGATGTGTCAACTGGAAGGTGGGGAGGCTC 1089
QY 260 rAspIyLeuGlySerPheProSerIleuAlaValAlaIySthIleIleIleGluPheAs 280
DB 1090 AGACAACTGGGAGGCTTCATCCCTGCTGTGGCCAGATCATCATCTTGAATTCAA 1149
QY 280 nProMetTyTrProIyAspAspAspIleAlaLeuMetIyLeuGlnPheProLeuThrph 300
DB 1150 CCCCATATACCCCAAGACATGACATGCCCCATATAGAGCTGCACTTCCCACTCACTTT 1209
QY 300 eSerGlyThrValArgProIleCySLeuProPhePheAspGluGluLeuThrProAlaTh 320
DB 1210 CTGAGGCAAGTCAAGCCCATCTGTCTGCTTCTTTGATGAGGAGCTCACTCAGGCAAC 1269
QY 320 rProLeuTrpIleIleIleGlyTrpGlyPheThrIySgIlnAsnGlyGlyIyMetSerAspIle 340
DB 1270 CCACTCTGATATCTTGAATGGGCTTTACGAACAAATGAGAGGAGATGCTGACAT 1329
QY 340 eLeuLeuGlnAlaSerValGlnValIleAspSerThrArgCySAsnAlaAspAspAlaTy 360
DB 1330 ACTGCTGCAAGCGTCAATCCAGTCACTGACAGACACGGGTGCAATGCAACATGGCTA 1389
QY 360 rGlnGlyGlnValIleThrGluIyMetMetCySAlaGlyIleProGluGlyGlyValAlaPth 380
DB 1390 CCAAGGGGAGATCAACCAAGAAAGATGATGTGACGATCCCGAAGGGGGGTGGACAC 1449
QY 380 rCySgIlnGlyAspSerGlyGlyProLeuMetTyTrGlnSerAspGlnTrpHIsValIleGlu 400

DB 1450 CTGCCAGGTGACAGTGTGGGCCCTGATGTACAAATGTGACAGTGGCATGTGTGGG 1509
QY 400 yIleValSerTrpGlyTyrrGlyCySgIyGlyProSerThrProGlyValTyrrThrIySVal 420
DB 1510 CATCGTATGCTGGGCGTATGTGGTGGGGGCCCGGAGACCCCAAGATATACCAAGAT 1569
QY 420 lSerAlaTyTrLeuAsnTrpIleTyrrAsnValITrpIySAlaGluLeu 435
DB 1570 CTGAGCTATCTCAACTGATCTACAAATGTCTGAAAGGCTGAGCTG 1615

RESULT 36

US-10-101-510-634

Sequence 634, Application US/10101510
GENERAL INFORMATION:
APPLICANT: WAN, JACKSON
TITLE OF INVENTION: EXPRESSION PROFILES AND METHODS OF USE
FILE REFERENCE: 15117.0012
CURRENT APPLICATION NUMBER: US/10/101, 510
CURRENT FILING DATE: 2002-03-20
PRIOR APPLICATION NUMBER: 60/276, 947
PRIOR FILING DATE: 2001-03-20
NUMBER OF SEQ ID NOS: 805
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 634
LENGTH: 2165
TYPE: DNA
ORGANISM: Homo sapiens
US-10-101-510-634

Alignment Scores:

Pred. No.:	0	Length:	2165
Score:	2329.00	Matches:	435
Percent Similarity:	99.77%	Conservative:	0
Best Local Similarity:	99.77%	Mismatches:	0
Query Match:	99.44%	Indels:	1
DB:	42	Gaps:	0

US-10-803-530-2 (1-435) x US-10-101-510-634 (1-2165)

QY 1 MetAspProAspSerAspGlnProLeuAsnSerIleuAspValIyProLeuArgIySthPro 20
DB 310 ATGATCTCGACAGATGATCACTCGAAGACGCTCGATGCAACCCCTGGGCAAAACC 369
QY 21 ArgIleProMetGluThrPheArglySValIleProIleIleIleAlaLeuLeuSer 40
DB 370 CGTATCCCATGGAAGCTTCAGAAAGTGGGGATCCCATCATCATATGACTTACTGAGC 429
QY 41 LeuAlaSerTlleIleIleValIleValIleuIleIleValIleLeuAspIleTyrrPhe 60
DB 430 CTGGGAGATATCATATGATGTTGCTTCATCAAGGTGATCTGGATTAATACTACTTC 489
QY 61 LeuCySgIyGlnProLeuHIsPheIleProArglySgIleuCyAspSgIyGlnLeuAsp 80
DB 490 CTCTCGGGGAGAGCTTCATCTTCATCCGAGAAAGAGCTGTGTGACGGAGGCTGGAC 549
QY 81 CySPoleuGlyGluAspGluGluHIsCySValIySerPheProGluGlyProAlaVal 100
DB 550 TGTCCCTTGGGGGAGAGACGAGGACCTGTGTCAAGAGCTTCGGAAGGGGCTGCACTG 609
QY 101 AlaValArgLeuSerIleAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsn 120
DB 610 GCAGTCCGCTCTCCAAAGACGATCCACATGCGAGGTGCTGACTCCGCCACAGGGGAAAC 669
QY 121 TrpPheSerAlaCyPheAspAspPheThrGluAlaLeuAlaGluThrAlaCyAsArgGln 140
DB 670 TGGTCTCTGCTGCTTTGACAGACTTCACAGAGCTCTGCTGACAGGCTGTAGGCGAG 729
QY 141 MetGlyTySerSerIyPheProThrPheArgAlaValIleGlyProAspGlnAspLeu 160
DB 730 ATGGCTTCACAGACCAACCTTCAGAGCTGTGAGATTTGGCCGACCAAGATCTG 789


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QY 161 AspValValGluIleThrGluAsnSerGlnGlu-LeuArgMetArgAsnSerGlyPr 180
DB 790 GATTTGTTGAATCAAGAAACAGCAGAGGCTTGCATGCGGAATCAAGTGGGCC 849
QY 180 oCyLeuSerGlySerLeuValSerLeuHisCyLeuValaCyGlyLySerLeuLeuYrth 200
DB 850 CTGCTCTCAGGCTCCCTGCTCCCTCACTGCTTCTCTGCGGAAGAGCTGAAGAC 909
QY 200 rProArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSer11 220
DB 910 CCCCCTGTGTGGTGGGAGAGGCTCTGTGTGATCTTGGCCCTTGGCAGGTCAGCAT 969
QY 220 eGlnTrpAspLySerGlnHisValaCyGlyGlySer11LeuAspProHisTrpValLeuTh 240
DB 970 CCAAGTACGACAAACAGCAGCTGTGTGAGAGAGCATCTGGAACCCCACTGGGCTCTAC 1029
QY 240 rAlaAlaHisCySphArgLySerHisrThAspValPheAsnTrpLySValArgAlaGlySe 260
DB 1030 GGCAAGCCCACTGCTTCAAGAAACATACCATGTGTTCACCTGGAAGTGGCGGAGGCTC 1089
QY 260 rAspLySerGlySerPheProSerLeuValaAlaLyS11e11e11e11e11e11e11e 280
DB 1090 AGACAAACTGGGAGCTTCCCATCCCTGCTGTGGCCAAAGATCATCATTTGAATTCAA 1149
QY 280 nProMetTrpProLyAspAsnAsp11e11aLeuMetLySerGlnPheProLeuThPh 300
DB 1150 CCCCATGTACCCCAAGCAATGACATGCTCCATGGAAGCTGCAAGTCCCACTCACTTT 1209
QY 300 eSerGlyThrValArgProLyCyLeuProPhePheAspGlnGluLeuThProAlaTh 320
DB 1210 CTCAGGCACTGAGGCCCATCTGCTGCTCTTCTTATAGAGAGCTCACTCCAGCCAC 1269
QY 320 rProLeuTrp11e11e11e11e11e11e11e11e11e11e11e11e11e11e11e11e 340
DB 1270 CCCACTGTGATCATTTGATGGGGCTTACGAAGCAGATGAGGAGGAGATGTCGACAT 1329
QY 340 eLeuLeuGlnAlaSerValaGlnVal11e11e11e11e11e11e11e11e11e11e11e 360
DB 1330 ACTGTGAGGCGGTAGTCCAGGTATTGACAGCAGCGTGCATATGACAGCAAGTCCGA 1389
QY 360 rGlnGlyGlyValThrGluLySerMetMetCySAlaGly11eProGlnGlyValaAspTh 380
DB 1390 CCAAGGAGAGTCAACCGAAGATATGTGTCAAGCATCCCGAAGGGGGTGTGACAC 1449
QY 380 rCyGlnGlyAspSerGlyGlyProLeuMetTrpGlnSerAspGlnTrpHisValaValG1 400
DB 1450 CTGCCAGGGTACATGGTGGGCCCTCATGTACCAATCTGACAGTGGCATGTGGTGGG 1509
QY 400 y11eValSerTrpGlyTrpGlyCyGlyGlyProSerThrProGlyValaTrpThLyVa 420
DB 1510 CATCTTGTGCTGGGCTATGTGGTGGGGGCCGAGCACCAGAGATATACCAAGGT 1569
QY 420 lSer11aTrpLeuAsnTrp11eTrpAsnValTrpLySAlaGluLeu 435
DB 1570 CTCACCTATCTCAACTGATCTACATGTCTGAAGGCTGAGCTG 1615

RESULT 37
US-11-146-198-634
; Sequence 634, Application US/11146198
; GENERAL INFORMATION:
; APPLICANT: MAN, JACKSON
; APPLICANT: WANG, YIXIN
; TITLE OF INVENTION: EXPRESSION PROFILES AND METHODS OF USE
; FILE REFERENCE: 15117.0012
; CURRENT APPLICATION NUMBER: US/11/146,198
; CURRENT FILING DATE: 2005-06-07
; PRIOR APPLICATION NUMBER: US/10/101,510
; PRIOR FILING DATE: 2002-03-20
; PRIOR APPLICATION NUMBER: 60/276,947
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 805
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 634

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; LENGTH: 2165
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-146-198-634

Alignment Scores:
Pred. No.: 0
Score: 2329.00
Percent Similarity: 99.77%
Best Local Similarity: 99.77%
Query Match: 99.44%
DB: 71 Gaps: 0

US-10-803-530-2 (1-435) x US-11-146-198-634 (1-2165)

QY 1 MetAspProAspSerAspGlnProLeuAsnSerLeuAspValLySProLeuAspLySPro 20
DB 310 ATGATCTCTGACATGTATCAACCTTGACAGCTTCATGATGCAACCCCTGCGCAAACTCC 369
QY 21 Arg11eProMetGlnTrpPheArgLySValaGly11ePro11e11e11e11e11e11e11e 40
DB 370 CGATCCCATGAGACCTTCAGAAAGTGGGGATCCCATCATCATATGCACTACTAGC 429
QY 41 LeuAlaSer11e11e11e11e11e11e11e11e11e11e11e11e11e11e11e11e 60
DB 430 CTGGGAGTATCATCATTTGTGTGTCTCTCATCAAGGTGATTGTGATTAATACTACTTC 489
QY 61 LeuCyGlyGlnProLeuHisPhe11eProArgLyS11eLeuCySAspGlyGluLeuAsp 80
DB 490 CTGTGGGCGGAGCTCTTCCATCTCATCCCGAAGAGCTGTGTGAGAGAGAGCTGGAC 549
QY 81 CySProLeuGlyGluAspGlyGluHisCySValLyS11eSerPheProGlnGlyProAlaVal 100
DB 550 TGTCTCTTGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 609
QY 101 AlaValArgLeuSerLySAspArgSerThrLeuGlnValaLeuAspSer11eThrGlyAsn 120
DB 610 GCAATCCGCTCTCCAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 669
QY 121 TrpPheSer11aCySPhAspAsnPheThrGluAlaLeuAlaGluThrAlaCySArgGln 140
DB 670 TGGTCTCTGCTGCTGTTTGCACAACTTCAAGAGCTTCGCTGAGACAGCCGTGAGGAG 729
QY 141 MetGlyTrpSerSerLySProThrPheArgAlaValaGlu11eGlyProAspGlnAspLeu 160
DB 730 ATGGCTTACACAGAGAAACCACTTCAAGCTGTGAGATTGGCCAGACCAAGATCTG 789
QY 161 AspValValGluIleThrGluAsnSerGlnGlu-LeuArgMetArgAsnSerGlyPr 180
DB 790 GATTTGTTGAATCAAGAAACAGCAGAGGCTTGCATGCGGAATCAAGTGGGCC 849
QY 180 oCyLeuSerGlySerLeuValSerLeuHisCyLeuValaCyGlyLySerLeuLeuYrth 200
DB 850 CTGCTCTCAGGCTCCCTGCTCCCTCACTGCTTCTCTGCGGAAGAGCTGAAGAC 909
QY 200 rProArgValValaGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSer11 220
DB 910 CCCCCTGTGTGGTGGGAGAGGCTCTGTGTGATCTTGGCCCTTGGCAGGTCAGCAT 969
QY 220 eGlnTrpAspLySerGlnHisValaCyGlyGlySer11LeuAspProHisTrpValLeuTh 240
DB 970 CCAAGTACGACAAACAGCAGCTGTGTGAGAGAGCATCTGGAACCCCACTGGGCTCTAC 1029
QY 240 rAlaAlaHisCySphArgLySerHisrThAspValPheAsnTrpLySValArgAlaGlySe 260
DB 1030 GGCAAGCCCACTGCTTCAAGAAACATACCATGTGTTCACCTGGAAGTGGCGGAGGCTC 1089
QY 260 rAspLySerGlySerPheProSerLeuValaAlaLyS11e11e11e11e11e11e11e 280
DB 1090 AGACAAACTGGGAGCTTCCCATCCCTGCTGTGGCCAAAGATCATCATTTGAATTCAA 1149
QY 280 nProMetTrpProLyAspAsnAsp11e11aLeuMetLySerGlnPheProLeuThPh 300

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Dh 1150 CCCCATGTACCCCAAGACATGACATGCCCTCATGAGCTGCACTTCCACTCACTTT 1209
Qy eSerglythValArgProIleCySeLeuProPheAspGluGluLeuThrProAlaThr 320
Dh 1210 CTCAGGACAGTACGAGCCCATCTGCTGCGCCCTTCTTGATGAGAGCTCACTCCAGCCAC 1269
Qy rPProLeuTrpIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIle 340
Dh 1270 CCCACTGTGATCTATTGGATGGGCTTTTACAGACAGAAATGAGAGGAGATGTTGTGACAT 1329
Qy eLeuLeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTy 360
Dh 1330 ACTGCTCCAGGCGGTCACTCCAGGCTCATTTGACAGACACGGGTGCAATCAGACATGGCTA 1389
Qy rGlnGlyGlnValThrGlyLysMetMetCysAlaGlyTlleProGluGluGlyValAspThr 380
Dh 1390 CCAAGGGGAGAGTCAACCAAGAGATGATGTGCAAGGATCCCGAAGGGGGTGGAGCAC 1449
Qy rCysGlnGlyAspSerGlyGlyProLeuMetTyrgLysSerAspGlnTrpHisValValGly 400
Dh 1450 CTGCAAGGATGACATGTGGGCTGAGCCCTGATTTACCAATCTGACAGATGGCATGTGGTGG 1509
Qy ylleValSerTrpGlyTyrgLysGlyGlyProSerThrProGlyValTyThrLysVal 420
Dh 1510 CATGTTAGCTGGGGCTATGGCTGCGGGGGCCGAGACCCCAAGAGATATACCAAGAT 1569
Qy 1SerAlaTyThrLeuAsnTrpIleTyraAsnValTrpLysAlaGluLeu 435
Dh 1570 CTCAGCTATCTCAACTGAGATCTACAAATGTCTGAGAGGCTGAGCTG 1615

RESULT 38
PCT-US05-22501-4335
Sequence 4335, Application PC/TUS0522501
GENERAL INFORMATION:
APPLICANT: Avalon Pharmaceuticals
TITLE OF INVENTION: Determining Cancer-Linked Gene and Therapeutic Targets Using
TITLE OF INVENTION: Molecular Cytogenetic Methods
FILE REFERENCE: 689290-249
CURRENT APPLICATION NUMBER: PCT/US05/22501
CURRENT FILING DATE: 2005-07-07
PRIOR APPLICATION NUMBER: 60/581,699
PRIOR FILING DATE: 2004-06-23
NUMBER OF SEQ ID NOS: 7840
SOFTWARE: PatentIn version 3.3
SEQ ID NO 4335
LENGTH: 2108
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: cDNA sequence
PCT-US05-22501-4335

Alignment Scores:
Pred. No.: 0 Length: 2108
Score: 23.78% Matches: 433
Percent Similarity: 99.77% Conservative: 0
Best Local Similarity: 99.77% Mismatches: 1
Query Match: 99.40% Indels: 0
DB: 3 Gaps: 0

US-10-803-530-2 (1-435) x PCT-US05-22501-4335 (1-2108)

Qy 2 AspProAspSerArgGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
Dh 262 GATCTGACAGTGAATCAACCTCTGAACAGCTTCAGATGCAAAACCCCTGGCAAAACCCCGT 321
Qy 11LeuMetGlnTrpPheArgLysValGlyTlleProIleIleIleAlaLeuLeuSerLeu 41
Dh 322 ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCATAGCATCTAGAGCTG 381
Qy 42 AlaSerIleIleIleValValValLeuIleLysValIleLeuAspLysTyThrPheLeu 61
Dh 382 GCGAGTATCATCTGTGTGTCTCATCAAGGATGATTCGATAATTACTACTTCTC 441

Qy 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCyAspGlyGluLeuAspCys 81
Dh 442 TGGGGAGGCTCTCCACTTCACTCCAGAGACAGCTGTGTATCCAGAGAGCTGACTGT 501
Qy ProLeuGlyGlnAspGluGlnHisCysValLysSerPheProGluGlyProAlaValAla 101
Dh 502 CCTTGGGGAGGACGAGAGGACATGTGTCAAGAGCTTCCCAAGGGGCTGGAGTGGCA 561
Qy 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Dh 562 GTCCGCTCTCCAAAGACCATCACAATGCAAGTGTGCACTCGCCACAGGAACTGG 621
Qy PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGluThrAlaCysArgGlnMet 141
Dh 622 TTCTCTCCCTGTTTCCAAACTTCAAGAAAGCTTCCTGTAGACAGCTTATGGCAGATG 681
Qy 142 GlyTySerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Dh 682 GGCTACAGCAGCAAAACCACTTCAAGAGCTGTGAGATTGGCCACAGACAGATCTGGAT 741
Qy 162 ValValGluIleThrGlnAsnSerGlnLeuArgMetArgAsnSerSerGlyProCys 181
Dh 742 GTTGTGAATTCACAGAAACAGCCAGAGACTTCGATGGAGAACTCAAGTGGGCTGT 801
Qy 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
Dh 802 CTCTCAGGCTCCCTGCTGCTCCCTGCACTGTCTGCTGGAGAAAGCTGAAAGACCCCC 861
Qy 202 ArgValValGlyGlyGlnAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Dh 862 CGTGTGGTGGGTGGAGAGAGGCTCTGTGATTTCTTGAGCTTGGCAGGTGAGATTCAG 921
Qy 222 TyraAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
Dh 922 TACACAAAGACAGACGCTGTGAGAGGATCTTGAAACCCCACTGGAGTCTCACAGGCA 981
Qy 242 AlaHisCysPheArgLysHisTrpAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Dh 982 GCCCATGCTTCCAGAGAAACATACGATGTGTTCACTGGAAGGTGGGGGCTGAC 1041
Qy 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
Dh 1042 AAATCGGGAGCTTCCATCCATCCGCTGGTGGCCAAAGATCATCATTAATTCACACCCC 1101
Qy 282 MetTyraProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Dh 1102 ATGTACCCCAAAGACATGACATGCGCCCTCATGAGCTGAGGTTCACATCTTCTCA 1161
Qy 302 GlnTyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
Dh 1162 GGCACATGACAGGCCCATCTGTCTGCTCTTCTTGAATGAGAGCTCATCTCCAGCACCCCA 1221
Qy 322 LeuTrpIleIleGlyTyrgLysPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
Dh 1222 CTCTGATCATCTGTGATGGGCTTTTACAGACAGATGAGGGAGATGTCTGACATATCTG 1281
Qy 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyGln 361
Dh 1282 CTGCAAGCGTCAAGTCCAGTATGACAGCACAGGTGCAATGACAGATGCGTATCCAG 1341
Qy 362 GlnValValThrGlnLysMetMetCysAlaGlyTlleProGluGlyGlyValAspThrCys 381
Dh 1342 GGGGAATCACCGAGAAATGATGTGTGACAGCATCCCGAAGGGGGTGTGACACCTGCG 1401
Qy 382 GlnGlyAspSerGlyGlyProLeuMetTyrgLysSerAspGlnTrpHisValValGlyTlle 401
Dh 1402 CAGGGTACAGTGTGGGCTCTGATGTACCAATCTACAGTGGCATGTGGTGGGATC 1461
Qy 402 ValSerTrpGlyTyrgLysGlyGlyProSerThrProGlyValTyThrLysValSer 421
Dh 1462 GTTAGTGGGGCTAATGGCTGGGGGCCCGAGACCCCAAGAGTATACCAAGGTCTCA 1521

Qy 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpIlysaIagIleu 435
Db 1522 GCCTATCTCACTGATGCTCAATGTCTGAAGGCTGAGCTG 1563

RESULT 39
US-10-170-235-14349
; Sequence 14349, Application US/10170235
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig
; TITLE OF INVENTION: KITS, SUCH AS NUCLEIC ACID ARRAYS, COMPRISING A MAJORITY OF HUMAN
; TITLE OF INVENTION: TRANSCRIPTS, FOR DETECTING EXPRESSION AND OTHER USBS THEROP
; FILE REFERENCE: CLO01380
; CURRENT APPLICATION NUMBER: US/10/170,235
; CURRENT FILING DATE: 2003-03-17
; NUMBER OF SEQ ID NOS: 42514
; SEQ ID NO 14349
; LENGTH: 2112
; TYPE: DNA
; ORGANISM: HUMAN
US-10-170-235-14349

Alignment Scores:
Pred. No.: 0 Length: 2112
Score: 2328.00 Matches: 433
Percent Similarity: 99.77% Conservative: 0
Best Local Similarity: 99.77% Mismatches: 1
Query Match: 99.40% Indels: 0
DB: 42 Gaps: 0

US-10-803-530-2 (1-435) x US-10-170-235-14349 (1-2112)

Qy 2 AspProaPseSerAspGlnProleuAnSerleuAspValIlyProleuArgIlyProArg 21
Db 266 GATCCTGACAGTGAACCACTCTGAACGCTCGATGCAAAACCCCTCGCAAAACCCGT 325

Qy 22 IleProMetGluThrPheArgIlyValIlyIleProIleIleIleAlaLeuSerleu 41
Db 326 ATCCCATGAGAGACCTTCAGAAAGGTGGGATCCCATCATCATGACACTGAGCTG 385

Qy 42 AlaSerIleIleIleValIleValIleuIleIlyValIleuAspIlyTyrPheIleu 61
Db 386 GCGAGTATCATCATGTGTGTCTCTCATCAAGGATTCGATTAATTAATTAATTAATTA 445

Qy 62 CysGlyGlnProleuHisPheIleProArgIlyGlnLeuCysAspGlyIlyleuAspCys 81
Db 446 TCGCGGAGCCTCTCTCACTTCAATCCCGAAGAGAGCTGTGAGAGAGAGCTGACTGT 505

Qy 82 ProleuGlyIlyAspGlyGlnHisCysValIlySerPheProGlyIlyProAlaValAla 101
Db 506 CCTTGGGGAG 565

Qy 102 ValArgLeuSerIlyAspArgSerThrIleuGlnValIleuAspSerAlaThrGlyAsnTrp 121
Db 566 GTCCGCTCTTCAAG 625

Qy 122 PheSerAlaCysPheAspAsnPheThrGlnAlaIleuAlaGlnThrAlaCysArgGlnMet 141
Db 626 TTCTGTGCTGTGCTGTGCACTTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 685

Qy 142 GlyTyrSerSerIlyProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp 161
Db 686 GGCATACAGACCAAAACCACTTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 745

Qy 162 ValValGlnIleThrGlnAsnSerGlnIleuAspMetArgAsnSerSerGlyProCys 181
Db 746 GTTGTGTAATCAAGAAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 805

Qy 182 LeuSerGlySerIleuValSerIleuHisCysLeuAlaCysGlyIlySerIleuIlyThrPro 201
Db 806 CTCTAGGCTCTCTGCTCTCTCTGCACTGTCTGCTTGGAGAGAGAGAGAGAGAGAG 865

Qy 202 ArgValIleGlyIlyGlnIleuAspSerValAspSerTrpProTrpGlnValSerIleGln 221

Db 866 CGTGTGGGGGTGGAG 925

Qy 222 TyrAspIlyGlnHisValCysGlyIlySerIleuAspProHisTrpValIleuThrAla 241
Db 926 TACGACAAACAGACAGCTGTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 985

Qy 242 AlaHisCysPheArgIlyHisIleThrAspValPheAsnTrpIlyValArgAlaGlySerAsp 261
Db 986 GCCACGCTCTCAGAAACATACCGATGTGTCACTGAGAGAGAGAGAGAGAGAGAGAG 1045

Qy 262 LysLeuGlySerPheProSerLeuAlaValAlaIlyIleIleIleIleGlnPheAsnPro 281
Db 1046 AAATCGGAGAGCTTCCATCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1105

Qy 282 MetTyrProIlyAspAsnAspIleAlaLeuMetLysLeuGlnPheProleuThrPheSer 301
Db 1106 ATGTATCCCAAAAGACATGATGATGATGATGATGATGATGATGATGATGATGATG 1165

Qy 302 GlyThrValArgProIleCysLeuProPhePheAspGlnIleuThrProAlaThrPro 321
Db 1166 GGCACAGTCAAGCCCATCTGTCTGCTCTTCTTGTATGAGAGAGAGAGAGAGAGAG 1225

Qy 322 LeuTrpIleIleGlyTyrPheThrIlyGlnAsnGlyIlyIlyMetSerAspIleu 341
Db 1226 CTGTGATCATGTGATGGGCTTTTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1285

Qy 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1286 CTGAGAGCTGATGCTCAGATCATTTGACAGACAGAGAGAGAGAGAGAGAGAGAG 1345

Qy 362 GlyIleuValThrGlnIlyMetMetCysAlaGlyIleProGlnIlyIlyValAspThrCys 381
Db 1346 GGGAGAGTCAACGAGAGAGATGATGTGACAGAGATCCCGAAGGGGGGTGAGACCTGC 1405

Qy 382 GlnIlyAspSerGlyIlyProleuMetTyrGlnSerAspGlnTrpHisValIleGlyIle 401
Db 1406 CAGGTGACATGTGTGGGCTCTGATGTACCAATCTGACAGTGTGATGTGTGTGGCATC 1465

Qy 402 ValSerTrpGlyTyrGlyCysGlyIlyProSerThrProGlyValIlyThrIlyValSer 421
Db 1466 GTTGTGTGGGCTATGGCTGCGGGGCGCGAGAGAGAGAGAGAGAGAGAGAGAGAG 1525

Qy 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpIlysaIagIleu 435
Db 1526 GCCTATCTCACTGATGCTCAATGTCTGAAGGCTGAGCTG 1567

RESULT 40
US-10-417-375-141
; Sequence 141, Application US/10417375
; GENERAL INFORMATION:
; APPLICANT: David W. Morris
; APPLICANT: Marc Melandro
; TITLE OF INVENTION: Novel Therapeutic Targets in Cancer
; FILE REFERENCE: 529452001600
; CURRENT APPLICATION NUMBER: US/10/417,375
; CURRENT FILING DATE: 2003-04-15
; NUMBER OF SEQ ID NOS: 176
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 141
; LENGTH: 2627
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-417-375-141

Alignment Scores:
Pred. No.: 0 Length: 2627
Score: 2328.00 Matches: 433
Percent Similarity: 99.77% Conservative: 0
Best Local Similarity: 99.77% Mismatches: 1
Query Match: 99.40% Indels: 0
DB: 51 Gaps: 0

US-10-803-530-2 (1-435) x US-10-417-375-141 (1-2627)

QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIysProLeuAArglyProArg 21
 Db 266 GATCTTACAGTGAATCAACTGTGAACAGCCTCGATGCTCAAAACCCCTGCCCAACCCCGT 325
 QY 22 IlePrometGlnThrPheArglyValGlyIleProIleIleIleAlaLeuSerLeu 41
 Db 326 ATCCCAATGAGACCTTCAGAAAGTGGAGATCCCATCATCATAGCACTAGAGCTTG 385
 QY 42 AlaSerIleIleIleValIleValIleuIleValIleuAspIlyTyrrPheLeu 61
 Db 386 GCGAGTATCATATTGGTGTGCTTCATCAAGGTGATTCGATTAATACTACTTCTC 445
 QY 62 CysGlyGlnProLeuHisPheIleProArglySerGlnLeuCysAspGlyGluLeuAspCys 81
 Db 446 TGCAGGAGGCTCTCCATTCATCCCGAGAAAGAGCTGTGTGACGAGAGCTGAGCTGT 505
 QY 82 ProLeuGlyGluAspGlyGluHisCysValIysSerPheProGlnGlyProAlaValAla 101
 Db 506 CCTTGGGGAGGAGCGAGAGACCTGTGTCAAGAGCTTCCCGAAGGAGCTGCAAGTGGCA 565
 QY 102 ValArgLeuSerIlyAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
 Db 566 GTCCGCTCTCCAAAGACCGATCCACACTGCAAGGTGCTGACCTGCGCACAGGGAACTGG 625
 QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuIleGluThrAlaCysArgGlnMet 141
 Db 626 TTCCTGCTGTTCGACAACTTCACAAAGCTCTGCTGAGACAGCTGTGAGGCAATG 685
 QY 142 GlyTySerSerIlyProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
 Db 686 GGCCTACAGACGAAACCACTTCAGAGCTGTGAGATTTGGCCCAAGACAGAGATCTGGAT 745
 QY 746 GTTGTGAATCACAGAAACAGCAGAGAGCTTCGATCGAGAACTCAAGTGGGCTCCTGT 805
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIlySerLeuIlyPro 201
 Db 806 CTCCTAGGCTCCCTGGTCTCCCTGCACTGTCTGCTGTGGAGAGCTGAGAGACCCCTC 865
 QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
 Db 866 CTTGTGGTGGTGTGAGAGAGGCTCTGTGATTTCTTGCCCTTGGCAGGTCAAGATCCAG 925
 QY 222 TyrAspIlyGlnHisValCysGlyIlySerIleLeuAspProHisTrpValLeuThrAla 241
 Db 926 TACGACAAACAGCAGCTGTGTGAGGAGAGCATCCGAGACCCCACTGGGTCTCTCAGCGCA 985
 QY 242 AlaHisCysPheAspGlyHisThrAspValPheAsnTrpIlyValArgAlaGlySerAsp 261
 Db 986 GCCCACTGCTTCAGAGAAACATACCGATGTGTCACTGAAAGTGGGGGAGGCTCAAGC 1045
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaIlySerIleIleIleGluPheAsnPro 281
 Db 1046 AAACCTGGGACGCTTCCATCTCTGGCTGTGGCAAGATCATATTGAATTCAACCCC 1105
 QY 282 MetTyrrProIlyAspAsnAspIleAlaLeuMetIlyLeuGlnPheProLeuThrPheSer 301
 Db 1106 ATGTACCCCAAGAAACATGACATCCCTCATGAAAGCTGCAAGTCCCACTCTTTCACA 1165
 QY 302 GlyThrValArgProIleCysLeuProPhePheAspGlyGluLeuThrProAlaThrPro 321
 Db 1166 GGCACAGTACGAGCCCATCTGTGCTGTCTTGTAGAGAGCTCACTCCAGCCACCCCA 1225
 QY 322 LeuTrpIleIleGlyTrpGlyPheThrIlyGlnAsnGlyGlyIlyMetSerAspIleLeu 341
 Db 1226 CTCTGATCATTTGATGGGCTTTACGAAAGCAAGATGAGGAGAGATGTCTGACATACG 1285
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrrGln 361
 Db 1286 CTGCAAGGCTCAGCTCAGGTCATTTGACAGCACAGGTGCAATGACAGATCGTACACAG 1345

QY 362 GlyGluValIleThrGluIysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
 Db 1346 GGGGAACTACCGAAGATGATGTGTGAGGATCCCGAAGGGGTGTGGACACTTC 1405
 QY 382 GlnGlyAspSerIlyGlyProLeuMetTyrrGlnSerAspGlnTrpHisValValGlyIle 401
 Db 1406 CAGGTGACAGTGTGGGCCCTGATGTACCAATGTGACAGTGGCATGTGTGGGCATC 1465
 QY 402 ValSerTrpGlyTyrrGlyCysGlyIlyProSerThrProGlyValTyrrThrIysValSer 421
 Db 1466 GTTAGTTGGGGCTATGTGTGGGGGCGGAGACCCCAAGAGTATACCAAGGCTTCA 1525
 QY 422 AlaTyrrLeuAsnTrpIleTyrrAsnValTrpIlyAlaGluLeu 435
 Db 1526 GCTATCTCACTGATCTACATGTCTGGAAGCTGAGCTG 1567
 Db 1526 GCTATCTCACTGATCTACATGTCTGGAAGCTGAGCTG 1567
 RESULT 41
 US-10-417-375A-141
 ; Sequence 141, Application US/10417375A
 ; GENERAL INFORMATION:
 ; APPLICANT: David W. Morris
 ; APPLICANT: Marc Malandro
 ; TITLE OF INVENTION: Novel Therapeutic Targets in Cancer
 ; FILE REFERENCE: 529452001600
 ; CURRENT APPLICATION NUMBER: US/10/417,375A
 ; CURRENT FILING DATE: 2003-04-15
 ; NUMBER OF SEQ. ID NOS: 176
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 141
 ; LENGTH: 2627
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-417-375A-141
 Alignment Scores:
 Pred. No.: 0 Length: 2627
 Score: 2328.00 Matches: 433
 Percent Similarity: 99.77% Conserved: 0
 Best Local Similarity: 99.77% Mismatches: 1
 Query Match: 99.40% Indels: 0
 Gaps: 0
 US-10-803-530-2 (1-435) x US-10-417-375A-141 (1-2627)
 QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIysProLeuAArglyProArg 21
 Db 266 GATCTTACAGTGAATCAACTGTGAACAGCCTCGATGCTCAAAACCCCTGCCCAACCCCGT 325
 QY 22 IlePrometGlnThrPheArglyValGlyIleProIleIleIleAlaLeuSerLeu 41
 Db 326 ATCCCAATGAGACCTTCAGAAAGTGGAGATCCCATCATCATAGCACTAGAGCTTG 385
 QY 42 AlaSerIleIleIleValIleValIleuIleValIleuAspIlyTyrrPheLeu 61
 Db 386 GCGAGTATCATATTGGTGTGCTTCATCAAGGTGATTCGATTAATACTACTTCTC 445
 QY 62 CysGlyGlnProLeuHisPheIleProArglySerGlnLeuCysAspGlyGluLeuAspCys 81
 Db 446 TGCAGGAGGCTCTCCATTCATCCCGAGAAAGAGCTGTGTGACGAGAGCTGAGCTGT 505
 QY 82 ProLeuGlyGluAspGlyGluHisCysValIysSerPheProGlnGlyProAlaValAla 101
 Db 506 CCTTGGGGAGGAGCGAGAGACCTGTGTCAAGAGCTTCCCGAAGGAGCTGCAAGTGGCA 565
 QY 102 ValArgLeuSerIlyAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
 Db 566 GTCCGCTCTCCAAAGACCGATCCACACTGCAAGGTGCTGACCTGCGCACAGGGAACTGG 625
 QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuIleGluThrAlaCysArgGlnMet 141
 Db 626 TTCCTGCTGTTCGACAACTTCACAAAGCTCTGCTGAGACAGCTGTGAGGCAATG 685
 QY 142 GlyTySerSerIlyProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161

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Db      686 GGCCTACGACGACAAACCACTTTCAGAGCTGTGAGATGTGGCCAGACAGACTGTGAT 745
Qy      162 ValValGluIleThrGluAsnSerGlnGluuArgMetArgAsnSerSerGlyProCys 181
Db      746 GTTCTTGAATCAGAGAAACAGCCAGAGCTTGCAGATGCGAGACTCAAGTGGGCGCTGT 805
Qy      182 LeuSerGlySerLeuValSerLeuHisCysAlaLeuAlaCysGlyGlySerLeuLeuThrPro 201
Db      806 CTCTCAGGCTCCCTGGCTCTCCCTGCACATGCTTCCTGCTGGAGAGAGCTTAAGACCCCC 865
Qy      202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTyrGlnValSerIleGln 221
Db      866 CGTGTGGTGGTGTGGAGAGAGCCCTCTGTGATCTTGGCTTGGCAGTACAGATCCAG 925
Qy      222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
Db      926 TACGACAAACAGCAGCTGTGTGGAGGAGCATCCGACCCCACTGGGTCTTCAAGGCA 985
Qy      242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Db      986 GCCCAGCTGCTTCAGAGAAACATACGATGTGTCAACTGGAGAGTCCGGGCAAGCTCAAC 1045
Qy      262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
Db      1046 AACTGGGCGAGCTTCCATCCCTGGCTGTGGCCAGATCATCATTTGAATTCACCC 1105
Qy      282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db      1106 ATGTACCCCAAGACAAATGACATGCGCTCATGAAAGCTGCAAGTTCCCATCTTCTTCA 1165
Qy      302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
Db      1166 GGCACAGTCAGGCCCATCTGTCTGCTCTTGTGTGAGAGCTCACTCCAGCCACCCCA 1225
Qy      322 LeuTrpIleIleGlyTyrGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
Db      1226 CTCTGAGTCATGTGATGGGCGCTTTCAGAGCAGATGAGAGAGAGATGTGTGACATCTG 1285
Qy      342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db      1286 CTGCAAGGCTCAGTCCAGTCACTTTCACAGCAACGCTGCATGCAAGAGATGCCGACCG 1345
Qy      362 GlyGluValIleThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db      1346 GGGGAAGTCACCGAGAAAGATGATGTGTGAGGATCCCGGAAAGGGGTGTGGACACCTGC 1405
Qy      382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnIleThrHisValValGlyIle 401
Db      1406 CAGGTGTGACAGTGTGGGCGCTGTATGTACCAATCTGACCAAGTGGCATGTGTGGGCAATC 1465
Qy      402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
Db      1466 GTTACGTTGGGCTATGCTGCGGGGCGGCGGAGCACTCCAGAGTATACCAAGTCTTCA 1525
Qy      422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
Db      1526 GCGTATCTCACTGATCTACAAATGTCTGGAAGGCTGAGCTG 1567

```

RESULT 42

US-10-417-375B-141

; Sequence 141, Application US/10417375B

; GENERAL INFORMATION:

; APPLICANT: David W. Morris

; APPLICANT: Marc Malandro

; TITLE OF INVENTION: Novel Therapeutic Targets in Cancer

; FILE REFERENCE: 529452001600

; CURRENT APPLICATION NUMBER: US/10/417,375B

; CURRENT FILING DATE: 2003-04-15

; NUMBER OF SEQ ID NOS: 176

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 141

; LENGTH: 2627

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; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-417-375B-141
Alignment Scores:
Pred. No.: 0
Score: 2328.00
Percent Similarity: 99.77%
Best Local Similarity: 99.77%
Query Match: 99.40%
DB: 51
Gaps: 0
US-10-803-530-2 (1-435) x US-10-417-375B-141 (1-2627)
Qy      2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
Db      266 GATCCTGACAGTATCAACCTTGAAACGCTTCATGTCAAACCCCTGCGAAACCCCGT 325
Qy      22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
Db      326 ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCATACATGACCTAGAGCTG 385
Qy      42 AlaSerIleIleIleValValValLeuIleLysValIleLeuAspLysTyrTyrPheLeu 61
Db      386 GCGAGTATCATCATGTGTGTGCTTCATCAAGGTGATTCGATTAATACCTTCTCCTC 445
Qy      62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
Db      446 TGCAGGAGCTCTCCACTTATCCAGAGAGAGAGCTGTGTGACGAGAGAGCTGAGACTGT 505
Qy      82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
Db      506 CCTTTGGGGAGAGACAGAGAGACATGTGTCAAGACTTCCCGAAAGGCTGCGAGTGGCA 565
Qy      102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Db      566 GTCCGCGCTCTCAAGAGACCATTCACACTGCAAGGTGTGAGTGGGCCAGAGGAATCGG 625
Qy      122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db      626 TTCTGTGCTGTTCGACAACTTCACAAACTCTCCGTGAGAGAGCTGTGAGGAGATG 685
Qy      142 GlyTyrSerSerLysProThrPheArgAlaValAlaGluIleGlyProAspGlnAspLeuAsp 161
Db      686 GGCCTACGACGACAAACCACTTTCAGAGCTGTGAGATGTGGCCAGACAGATGTGAT 745
Qy      162 ValValGluIleThrGluAsnSerGlnGluuArgMetArgAsnSerSerGlyProCys 181
Db      746 GTTGTGAATCAGAGAAACAGCCAGAGGCTTGCAGATGCGAGACTCAAGTGGGCGCTGT 805
Qy      182 LeuSerGlySerLeuValSerLeuHisCysAlaLeuAlaCysGlyGlySerLeuLeuThrPro 201
Db      806 CTCTCAGGCTCCCTGGCTCTCCCTGCACATGCTTCCTGCTGGAGAGAGCTTAAGACCCCC 865
Qy      202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTyrGlnValSerIleGln 221
Db      866 CGTGTGGTGGTGTGGAGAGAGCCCTGTGATCTTGGCTTGGCAGTACAGATCCAG 925
Qy      222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
Db      926 TACGACAAACAGCAGCTGTGTGGAGGAGCATCCGACCCCACTGGGTCTTCAAGGCA 985
Qy      242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Db      986 GCCCAGCTGCTTCAGAGAAACATACGATGTGTCAACTGGAGAGTCCGGGCAAGCTCAAC 1045
Qy      262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
Db      1046 AACTGGGCGAGCTTCCATCCCTGGCTGTGGCCAGATCATCATTTGAATTCACCC 1105
Qy      282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db      1106 ATGTACCCCAAGACAAATGACATGCGCTCATGAAAGCTGCAAGTTCCCATCTTCTTCA 1165

```

QY 302 GlyThrValArgProIleCysLeuProPheAspGluLeuThrProAlaThrPro 321
|
|
Db 1166 GGCACAGTACAGCCCATCTGTCTGCCCTTCTTGATGAGAGACTCACTCCAGCCCA 1225
|
QY 322 LeuTrpIleIleGlyTrpGlyPheThrIlysgInaAngIyGlyLysMetSerAspIleLeu 341
|
|
Db 1226 CTCTGGATCATTTGGATGGGGCTTTTACGAGAGAGATGAGGGAGATGTCTGACATAC 1285
|
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpGln 361
|
|
Db 1286 CTGACAGGCGTCACTCAGGTCTATTAACAGACACACGCTGCAATGACAGAGATGCCGTAACAG 1345
|
QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGluGlyValAspThrCys 381
|
|
Db 1346 GGGGAAGTACCCGAGAAAGATGATGTGTGAGGCACTCCGAAAGGGGGTGTGACACTGC 1405
|
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrgInSerAspGlnTrpHisValValGlyIle 401
|
|
Db 1406 CAGGCTGACAGTGTGGGGCCCTGATGTACCAATCTGACAGTGGCATGTGGGGCATC 1465
|
QY 402 ValSerTrpGlyTyrgIlyCysGlyGlyProSerThrProGlyValTyrrThrIlyValSer 421
|
|
Db 1466 GTTAACTTGGGGCTTAAGGCTGGGGGGCCGAGCACCCAGAGATATACACCAAGGTCTCA 1525
|
QY 422 AlaTyrlLeuAsnTrpIleTyrrAsnValTrpLysAlaGluLeu 435
|
|
Db 1526 GCCTATCTCAACTGGATCTACAAATGTCTGAAAGCTGAGCTG 1567
|
RESULT 43
US-60-625-561-446
; Sequence 446, Application US/60625561
; GENERAL INFORMATION:
; APPLICANT: MCCAFFREY, Ian
; APPLICANT: DOMON, Bruno
; TITLE OF INVENTION: PANCREATIC CANCER TARGETS AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: CLO01557
; CURRENT APPLICATION NUMBER: US/60/625,561
; NUMBER FILING DATE: 2004-11-08
; NUMBER OF SEQ ID NOS: 586
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 446
; LENGTH: 2627
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-625-561-446
Alignment Scores:
Pred. No.: 0 Length: 2627
Score: 2328.00 Matches: 433
Percent Similarity: 99.77% Conservative: 0
Best Local Similarity: 99.77% Mismatches: 1
Query Match: 99.40% Indels: 0
Gaps: 0
US-10-803-530-2 (1-435) x US-60-625-561-446 (1-2627)
QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIlyspProLeuArGlyspProArg 21
|
|
Db 266 GATCCTGACAGTATCAACCTCTGACAGCCTCGATGCAAAACCCCGCCCAAAACCCCGT 325
|
QY 22 IleProMetGluThrPheArgLysValGlyTyrProIleIleIleAlaLeuSerLeu 41
|
|
Db 326 ATCCCAATGAGACCTTCAGAAAGGTGGGATCCCATCATCATATGACATCTGAGGCTG 385
|
QY 42 AlaSerIleIleIleValValIleuIleLysValIleLeuAspLysTyrrTyrrPheLeu 61
|
|
Db 386 GCGAGTATCATCTGTGGTGTCTCTCATCAAGTGTATCTGGATTAATCTACTTCTC 445
|
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
|
|
Db 446 TGGGGGAGGCTCTCCACTTCATCCGAGAGAGAGAGCTGTGTACCGAGAGCTGAGCTGT 505
|

QY 82 ProLeuGlyGluAspGluGluHisCysValIlySerPheProGluGlyProAlaValAla 101
|
|
Db 506 CCTTGGGGAGAGGACGAGAGACCTGTGTCAAGACTTCCCGAAGGGCTGCAGTGGCA 565
|
QY 102 ValArgLeuSerIlyAspAspSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
|
|
Db 566 GTCCGCTCTCCAAAGGACCATCACTGACAGGTGTGAGCTGGCCACAGGGAACTGG 625
|
QY 122 PheSerAlaCysPheAspAspPheTrpGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
|
|
Db 626 TTCTCTGCTGTTTTCGACACTTCACAGAGCTCTGCTGAGACACGCTGTAGAGCAGATG 685
|
QY 142 GlyTyrrSerSerIlyspThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
|
|
Db 686 GGTACAGCAGCAAAACCCACTTTCAGAGCTGTGGAATTTGGCCCAACAGATCTGGAT 745
|
QY 162 ValValGluIleThrGluAsnSerGlnLeuArgMetArgAsnSerSerGlyProCys 181
|
|
Db 746 GTTGTGAATCAACAGAAACACCCAGAGCTTCGATGGAGACTCAAGTGGGGCTGT 805
|
QY 182 LeuSerGlySerLeuValSerLeuHisCysValLeuAlaCysGlyLysSerLeuTyrrPro 201
|
|
Db 806 CTCTCAGGCTCCCTGGTCTCCCTGCACTGTCTGCTGTGGGAAAGACCTGAAGACCCC 865
|
QY 202 ArgValValGlyGlyGluGluIleAspValAspSerTrpProGlnValSerIleGln 221
|
|
Db 866 CGTGTGGGTGTGAGAGAGGCTCTGTGATTTCTTGCCCTTGGAGGTCAAGCATTCG 925
|
QY 222 TyrrAspLysGlnHisValCysGlyIlySerIleLeuAspProHisTrpValLeuThrAla 241
|
|
Db 926 TACGACAAACAGACAGCTGTGGAGGAGCATCTTGACCCCACTGGGTCTCTCAAGGA 985
|
QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
|
|
Db 986 GCCCACTGCTTCAGAGAAACATACCAATGTGTTCATCTGAAAGTGTGGGCAAGCTCAGAC 1045
|
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
|
|
Db 1046 AAATGGGAGACTTCCATCCCTGGCTGTGGCCAGATATATCATTTAAATTCAAACCC 1105
|
QY 282 MetTyrrProLysAspAspAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
|
|
Db 1106 ATGTACCCCAAGACATGACATCCGCCCTCATGAAGCTGCACTGCCACTCTTCTCA 1165
|
QY 302 GlyThrValArgProIleCysLeuProPheAspGluGluLeuThrProAlaThrPro 321
|
|
Db 1166 GGCACAGTACAGCCCATCTGTCTGCCCTTCTTGATGAGAGACTCACTCCAGCCCA 1225
|
QY 322 LeuTrpIleIleGlyTrpGlyPheThrIlysgInaAngIyGlyLysMetSerAspIleLeu 341
|
|
Db 1226 CTCTGGATCATTTGGATGGGGCTTTTACGAGAGAGATGAGGGAGATGTCTGACATAC 1285
|
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpGln 361
|
|
Db 1286 CTGACAGGCGTCACTCAGGTCTATTAACAGACACACGCTGCAATGACAGAGCTGTAACAG 1345
|
QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGluGlyValAspThrCys 381
|
|
Db 1346 GGGGAAGTACCCGAGAAAGATGATGTGTGAGGCACTCCGAAAGGGGGTGTGACACTGC 1405
|
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrgInSerAspGlnTrpHisValValGlyIle 401
|
|
Db 1406 CAGGCTGACAGTGTGGGGCCCTGATGTACCAATCTGACAGTGGCATGTGGGGCATC 1465
|
QY 402 ValSerTrpGlyTyrgIlyCysGlyGlyProSerThrProGlyValTyrrThrIlyValSer 421
|
|
Db 1466 GTTAACTTGGGGCTTAAGGCTGGGGGGCCGAGCACCCAGAGATATACACCAAGGTCTCA 1525
|
QY 422 AlaTyrlLeuAsnTrpIleTyrrAsnValTrpLysAlaGluLeu 435
|
|
Db 1526 GCCTATCTCAACTGGATCTACAAATGTCTGAAAGCTGAGCTG 1567
|

RESULT 44
PCT-US99-19655-2
Sequence 2, Application PC/TUS9919655
GENERAL INFORMATION:
APPLICANT: Salceda, Susana
APPLICANT: Sun, Yongming
APPLICANT: Recipon, Herve
APPLICANT: Cafferey, Robert
APPLICANT: DIADEXUS LLC
TITLE OF INVENTION: A NOVEL METHOD OF DIAGNOSING, MONITORING, STAGING,
FILE REFERENCE: IMAGING AND TREATING VARIOUS CANCERS
CURRENT APPLICATION NUMBER: PCT/US99/19655
CURRENT FILING DATE: 1999-09-01
EARLIER APPLICATION NUMBER: 60/098,880
EARLIER FILING DATE: 1998-09-02
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2
LENGTH: 2070
TYPE: DNA
ORGANISM: Homo sapiens
PCT-US99-19655-2

Alignment Scores:
Pred. No.: 0 Length: 2070
Score: 2324.00 Matches: 434
Percent Similarity: 99.77% Conservative: 0
Best Local Similarity: 99.77% Mismatches: 1
Query Match: 99.23% Indels: 1
Gaps: 0

US-10-803-530-2 (1-435) x PCT-US99-19655-2 (1-2070)

Qy	2	AspProaSpSerAspGlnProleuAmSerleuAspValysProleuArglySerPro	21
Db	223	GATCTGACGTGATGATCACTCTGAAAGCCCTCGATGCAAAACCCCTGGGAAACCCCGT	282
Qy	22	IlleProMetGlnThrPheArglyValylleProIlelleleleleleleleleleuSerleu	41
Db	283	ATCCCATGAGAGACCTTCAGAAAGGTGGGATCCCATCATCATGACACTATGAGCTG	342
Qy	42	AlaSerllellelleu	61
Db	343	GCGAGTATCATATGTTGGTGTCTCATCAAGTGTGATTCGATTAATACACTTCTTC	402
Qy	62	CysGlyGlnProleuHisPheIleProArglySerGlnleuCyAspGlyGlnleuAspCys	81
Db	403	TGGCGGAGGCGCTCCACTTCATCCCGAGGAGAGCTGTGTGACCGAGAGCTGAGCTGT	462
Qy	82	ProleuGlyGlnAspGlnGlnHisCysValylsSerPheProGlnGlyProAlaValAla	101
Db	463	CCCTTGGGGAGAGAGAGGACATGTGCAAGACCTTCCCGAGGGGCTGCACTGAGCA	522
Qy	102	ValAlaGlnSerleuAspArgSerThrleuGlnValleuAspSerAlaThrGlyAsnTrp	121
Db	523	GTCCGCTCTCCAAAGACCGATCCACATGCAAGGTGTGACTCGGACCAAGAGACTGG	582
Qy	122	PheSerAlaCysPheAspAsnPheThrGlnAlaAlaGlnleuAlaGlnThrAlaCysArgGlnMet	141
Db	583	TTCTCTGCTGTTTTCGACAACTTCAGAAAGCTTCGCGAGACAGCCGTGTGGGAGAG	642
Qy	142	GlyYrSerSerleuProThrPheArgAlaValylleGlyProAspGlnAspLeuAsp	161
Db	643	GGCTACAGACGAAACCCACTTTCAGAGCTGTGGAGATTGGCCGACCAAGATCTGAGT	702
Qy	162	ValValGlnleuThrGlnAsnSerGlnGlnleuAspMetArgAsnSerSerGlyProCys	181
Db	703	GTGTGTGAATATCAGAAAGACGAGGAGCTTCGATCGGAACTCAAGTGGCCCTCT	762
Qy	182	LeuSerGlySerleuValSerleuHisCysleuAlaCysGlyLysSerleuYrThrPro	201
Db	763	CTCTACAGGCTCCCTGTGTCTCTGCACTGTCTTGGCTGTGGGAGAGGCTGAAAGACCC	822

Qy 202 ArgValValGlyGlyGlnAlaSerValAspSerTrpProTrpGlnValSerlleGln 221

Db 823 CGTGTGTGGGTGGGAGAGGCTCTGTGATCTTGGCTTGGAGGTGACAGATCCAG 882

Qy 222 TyrAspLyseGlnHisValCysGlyGlySerlleleuAspProHisTrpValleuThrAl 241

Db 883 TACGACAAACAGCAGCTGTGTGAGGAGGACATCTGAGACCCCACTGAGTCTTCAAGGAC 942

Qy 241 AlaHisCysPheArglyHisThrAspValPheAsnTrpValArgAlaGlySerAs 261

Db 943 AGCCACTGCTTCAGAAACATACCAATGTTCTTAATCTGAAAGGTGCGGAGGCTCAGA 1002

Qy 261 PylsleuGlySerPheProSerleuAlaValAlaYrlellellellellellellelleleuAsp 281

Db 1003 CAACCTGGGAGCTTCCCATCTCCGTGCTGTCGCGCAAGATCATCATTTGAATTCACACCC 1062

Qy 281 OMeTyrProLyAspAsnAspIleAlaMetLysleuGlnPheProleuThrPheSe 301

Db 1063 CATGTACCCCAAAACAAATGACATGCGCTCATATAGCTGAGTTCACACTCCTTCTTC 1122

Qy 301 RglYrThrValArgProIleCysleuProPheAspGlnGlnleuThrProAlaThrPr 321

Db 1123 AGGCAAGTCAGGCCCATCTGTCTGCTTCTTGTGATGAGAGCTCACTCCAGCCACCC 1182

Qy 321 OLeuTrpIlellellellellellellellellellellellellellellellellellelle 341

Db 1183 ACTGTGATCATTTGATGGGCTTTTACAGACAGAAATGAGAGAAATGTGATCAATACT 1242

Qy 341 UleuGlnAlaSerValGlnVallleAspSerThrArgCysAsnAlaAspAspAlaYrGly 361

Db 1243 GCTGCAAGGCTCAGTCCAGCTGATTCATTCAGACACAGGTCAGTACAGTGTGTACCA 1302

Qy 361 NglyGlnValThrGlnLysMetMetCysAlaGlylleProGlnGlyGlyValAspThrCy 381

Db 1303 GGGGAGATCCAGAAAGATGATGTGACAGGATCCCGAGAGGGGTGTGACACTG 1362

Qy 381 SglnGlyAspSerGlyGlyProleuMetYrGlnSerAspGlnTrpHisValValGlyYl 401

Db 1363 CCAAGGTACAGTGTGGGCTCCCTGATGTACATTCAGACAGTGTGATGTGTGGGAT 1422

Qy 401 EValSerTrpGlyYrGlyCysGlyGlyProSerThrProGlyValYrThrLysValSe 421

Db 1423 CGTTAGCTGGGCTATGCTCGGGGCTCCAGACACCCAGAGATATACCAAGTCTC 1482

Qy 421 AlaTrpLeuAsnTrpIleYrAsnValTrpLysAlaGlnleu 435

Db 1483 AGCTATCTCAACTGATCTCAATGTCTGAAAGGCTAGCTG 1525

RESULT 45
US-09-763-978A-2
Sequence 2, Application US/09763978A
GENERAL INFORMATION:
APPLICANT: Salceda, Susana
APPLICANT: Sun, Yongming
APPLICANT: Recipon, Herve
APPLICANT: Cafferey, Robert
TITLE OF INVENTION: A NOVEL METHOD OF DIAGNOSING, MONITORING, STAGING, IMAGING
FILE REFERENCE: DEX-0172
CURRENT APPLICATION NUMBER: US/09/763,978A
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: PCT/US99/19655
PRIOR FILING DATE: 1999-09-01
PRIOR APPLICATION NUMBER: 60/098,880
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
LENGTH: 2070
TYPE: DNA
ORGANISM: Homo sapien
US-09-763-978A-2

Alignment Scores:

Pred. No.:	0	Length:	2070
Score:	2324.00	Matches:	434
Percent Similarity:	99.77%	Conservative:	0
Best Local Similarity:	99.77%	Mismatches:	0
Query Match:	99.23%	Indels:	1
DB:	31	Gaps:	0

US-10-803-530-2 (1-435) x US-09-763-978B-2 (1-2070)

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OY      2 AappProaspSerAspGlnProleuanserleuaspValysProleuarglysProarg 21
DB      223 GATCCTGACAGATCAACCTCTGAACAGCTCGATGTCAAACCCCTGGGCAACCCCGT 282
OY      22 IleprometGluThPhearglysValglylleProillellelealeuleusereu 41
DB      263 ATCCCAAGAGACCTTCAGAAAGGTGGGATCCCATCATCATGCACTACTGAGCCTG 342
OY      42 AlaserllelleleValValValleulleysValilleleuaplyeTyrPhereu 61
DB      343 GGAATATCATCATTTGTGTGTCTCATCAAGTGATTTCTGATTAATTACTACTTCTC 402
OY      62 CysglYglnProleuNHISpheIleProarglysglnleuCyaspGlyglnleuaspCys 81
DB      403 TGGGGGAGCCTCTCCACTTCATCCCGAGAGAGAGCTGTGTGACGAGAGACTGACTGT 462
OY      82 ProleuGlygluaspGluGlnHISCyVallysserPheproGluGlyProAlaValAla 101
DB      463 CCTTGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 522
OY      102 ValArgleuSerleuaspArgSerThreuglnValleuaspSerAlaThrGlyAsnTyr 121
DB      523 GTCCGCTCTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 582
OY      122 PheSerAlaCySpheaspAsnPhethrGlnAlaAlaGluThrAlaCyArgGlnmec 141
DB      583 TTCTGTGCTGTTCGACAACTTCACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 642
OY      142 GlyTyrSerSerleuProThrPheArgAlaValGluIleGlyProaspGlnAaspLeuasp 161
DB      643 GGTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 702
OY      162 ValValGluIleThrGlnAsnSerGlnIleuLeuThreTaGAsnSerSerGlyProCys 181
DB      703 GTTGTGTAATCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 762
OY      182 LeuSerGlySerleuValSerleuNHISCySerleuAlaCySglYlysserleuYThrPro 201
DB      763 CTCTCAAGCTCTCTGTGTCTCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 822
OY      202 ArgValValGlygluGlnAlaSerValaspSerTyrProTyrGlnValSerIleGln 221
DB      823 CGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 882
OY      222 TyrAspIysGlnNHISValCySglYlySerIleleuaspProHISThrValleuThr-Al 241
DB      883 TACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 942
OY      241 aAlaNHISCySpheArglySHISThrAspValPheAsnTyrlyeValArgIleGlySerAs 261
DB      943 AGCCCACTGCTTCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1002
OY      261 PLYleuGlySerPheProSerleuAlaValAlaYlellellelleleupheasnpr 281
DB      1003 CAACACTGGGAGCTTCCCATCTCGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1062
OY      281 oMetTyrProlyaspAsnAspIleAlaLeuMetlyleuGlnPheProleuThrPheSe 301
DB      1063 CATGTACCCCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1122
OY      301 rglYThrValArgProIleCysleuProPhePheaspGluGlnleuThrProAlaThrPr 321

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DB      1123 AGGACAGTACAGGCCATCTGTCTGCCCTTCTTATGAGAGACTCATCCAGCCACCC 1182
OY      321 OLeuTrrIlelleleIleIleIleIleIleIleIleIleIleIleIleIleIleIle 341
DB      1183 ACTCTGATCATTTGATGGGGCTTTACGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1242
OY      341 uleuGlnAlaSerValGlnValIleaspSerThrArgCyAsnAlaAspAlaIleTGI 361
DB      1243 GCTGAGGCGCTCATGCTCAGGTTCATGTGACAGACACGCTGCAAGAGAGAGAGAGAGAG 1302
OY      361 nglyGluValThrGlnuIyMetMetCysAlaIleIleProGluGlyValAlaAspThrCy 381
DB      1303 GGGGAGAGTACCGAGAGAGATGATGTGTGAGGACATCCGAGAGGGGCTGTGACACTTG 1362
OY      381 rglnglyaspSerGlyglYProleuMetTyrGlnSeraspGlnTrrHISValValGlyIle 401
DB      1363 CCAAGGTGACAGTGTGGGCTCTGATGTACCAATCTGACAGAGTGCATGTGTGGGACTG 1422
OY      401 eValserTrrGlyTyrGlyCySglYlyProserThrProGlyValIleThrIlyAlse 421
DB      1423 GGTAGCTGGGCTATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1482
OY      421 rAlaTyrleuAsnTrrIleTyrAsnValTrrlyAlaGlnleu 435
DB      1483 AGCTATCTCACTGAGATCTACAAATGTCTGGAAGGCTGAGCTG 1525

RESULT 46
US-09-763-978B-2
; Sequence 2, Application US/09763978B
; GENERAL INFORMATION:
; APPLICANT: Salceda, Susana
; APPLICANT: Sun, Yongming
; APPLICANT: Recipon, Hervé
; APPLICANT: Cafferey, Robert
; TITLE OF INVENTION: A NOVEL METHOD OF DIAGNOSING, MONITORING, STAGING, IMAGING AND TRI
; FILE REFERENCE: DEX-0172
; CURRENT APPLICATION NUMBER: US/09/763, 978B
; PRIOR FILING DATE: 2001-04-25
; PRIOR APPLICATION NUMBER: PCT/US99/19655
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: 60/098, 880
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 2070
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-763-978B-2

Alignment Scores:
Pred. No.: 0 Length: 2070
Score: 2324.00 Matches: 434
Percent Similarity: 99.77% Conservative: 0
Best Local Similarity: 99.77% Mismatches: 0
Query Match: 99.23% Indels: 1
DB: 31 Gaps: 0

US-10-803-530-2 (1-435) x US-09-763-978B-2 (1-2070)
OY      2 AappProaspSerAspGlnProleuanserleuaspValysProleuarglysProarg 21
DB      223 GATCCTGACAGATCAACCTCTGAACAGCTCGATGTCAAACCCCTGGGCAACCCCGT 282
OY      22 IleprometGluThPhearglysValglylleProillellelealeuleusereu 41
DB      263 ATCCCAAGAGACCTTCAGAAAGGTGGGATCCCATCATCATGCACTACTGAGCCTG 342
OY      42 AlaserllelleleValValValleulleysValilleleuaplyeTyrPhereu 61
DB      343 GGAATATCATCATTTGTGTGTCTCATCAAGTGATTTCTGATTAATTACTACTTCTC 402

```


62 CysGlyGlnProLeuHisPheIleProArgIysGlnLeuCyAspGlyGluLeuAspCys 81
 403 TGCAGGAGAGCTCTCCATTCATCCCGAGAGAGCTGTGTGACGAGAGCTGAGCTGT 462
 82 ProLeuGlyGluAspGluGlnHisCysValIlySerPheProGluGlyProAlaValAla 101
 463 CCTTGGGGGAGAGAGAGAGAGAGCTGTGTCAAGAGCTTCCCGAAGGGCTGCGAGTGGCA 522
 102 ValArgLeuSerIlyAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
 523 GTCCGCTCTCCAG 582
 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
 583 TTCTGTGCTGTTTGCAGACTTCAAGAGCTTCTGCTGAGACAGCTGTGAGAGAGAGAG 642
 142 GlyTyrSerSerIlyProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
 643 GCGTACAG 702
 162 ValValGluIleThrGluAsnSerGlnLeuAspMetArgAsnSerSerGlyProCys 181
 703 GTTGTGAAATCACAGAAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 762
 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIlySerLeuIlyThrPro 201
 763 CTCTAGAGCTCTGCTGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 822
 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
 823 CGT 882
 222 TyrAspIlyGlnHisValCysGlyIlySerIleLeuAspProHisTrpValLeuThrAl 241
 883 TACGACAAACAG 942
 241 AlaHisCysPheArgIlyHisIleThrAspValPheAsnTrpIlyValArgAlaGlySerAs 261
 943 AGCCACAGCTTCAAG 1002
 261 PheLeuGlySerPheProSerLeuAlaValAlaIlySerIleIleIleGluPheAsnTrp 281
 1003 CAAATCGGGAGCTTCCATCTCCATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1062
 281 OmeTyrTrpIlyAspAsnAspIleAlaLeuMetIlyLeuGlnPheProLeuThrPheSe 301
 1063 CATGTAACCCCAAG 1122
 301 GGT 321
 1123 AGGCAAG 1182
 321 OLeuTrpIleIleGlyTrpGlyPheThrIlyGlnAsnGlyIlyIlyMetSerAspIleLe 341
 1183 ACTCTGAGTCAATGTGATGGGCTTTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1242
 341 uLeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpG 361
 1243 GGTGACAGGAG 1302
 361 nGlyIleValIleThrGluIlyMetMetCysAlaGlyIleProGluGlyValIleAspThrC 381
 1303 GGGGAG 1362
 381 nGlnIlyAspSerGlyIlyProLeuMetIlyGlnSerAspGlnTrpHisValIleGlyI 401
 1363 CCAAGGTGACAGT 1422
 401 eValSerTrpGlyTrpGlyCysGlyIlyProSerThrProGlyValIlyThrIlyValSe 421
 1423 CATTAGCTGT 1482
 421 ValATyrLeuAsnTrpIleTyrAsnValTrpIlyAlaGluLeu 435

Db 1483 AGCTATCTCAACTGAGATCTACAAATGTCTGAGAGCTGAGCTG 1525
 RESULT 47
 US-11-071-974-2
 ; Sequence 2, Application US/11071974
 ; GENERAL INFORMATION:
 ; APPLICANT: Salceda, Susana
 ; APPLICANT: Sun, Yongming
 ; APPLICANT: Recipon, Hervé
 ; APPLICANT: Calferkey, Robert
 ; TITLE OF INVENTION: A NOVEL METHOD OF DIAGNOSING, MONITORING, STAGING, IMAGING AND TR
 ; FILE REFERENCE: DEX-0172
 ; CURRENT APPLICATION NUMBER: US/11/071,974
 ; CURRENT FILING DATE: 2005-03-04
 ; PRIOR APPLICATION NUMBER: US/09/763,978
 ; PRIOR FILING DATE: 2001-04-25
 ; PRIOR APPLICATION NUMBER: PCT/US99/19655
 ; PRIOR FILING DATE: 1999-09-01
 ; PRIOR APPLICATION NUMBER: 60/098,880
 ; PRIOR FILING DATE: 1998-09-02
 ; NUMBER OF SEQ ID NOS: 16
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 2
 ; LENGTH: 2070
 ; TYPE: DNA
 ; ORGANISM: Homo sapien
 US-11-071-974-2
 Alignment Scores:
 Pred. No.: 0 Length: 2070
 Score: 2324.00 Matches: 434
 Percent Similarity: 99.77% Conservative: 0
 Best Local Similarity: 99.77% Mismatches: 0
 Query Match: 99.23% Indels: 1
 DB: 66 Gaps: 0
 US-10-803-530-2 (1-435) x US-11-071-974-2 (1-2070)
 2 AppProAspSerAspGlnProLeuAsnSerLeuAspValIlyPheProLeuArgIlyProArg 21
 Db 223 GATCTGACAGTGAATCAACTCTGAAACAGCTCGATGTCAAAACCCCTGCGAAACCCGT 282
 22 IleProMetGluThrPheArgIlyValGlyIleProIleIleIleAlaLeuSerLeu 41
 283 ATCCCAAGAGAGAGCTTCAAG 342
 42 AlaSerIleIleIleValIleValIleuIleuValIleuAspIlyTrpPheLeu 61
 343 GCGAGTATCATCATTTGTGTGTCTCATCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 402
 62 CysGlyGlnProLeuHisPheIleProArgIlyGlnLeuCyAspGlyGluLeuAspCys 81
 403 TGCAGGAGAGCTCTCCATTCATCCCGAGAGAGCTGTGTGACGAGAGCTGAGCTGT 462
 82 ProLeuGlyGluAspGluGlnHisCysValIlySerPheProGluGlyProAlaValAla 101
 463 CCTTGGGGGAG 522
 102 ValArgLeuSerIlyAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
 523 GTCCGCTCTCCAG 582
 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
 583 TTCTGTGCTGTTTGCAGACTTCAAGAGCTTCTGCTGAGACAGCTGTGAGAGAGAGAGAG 642
 142 GlyTyrSerSerIlyProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
 643 GCGTACAG 702
 162 ValValGluIleThrGluAsnSerGlnLeuAspMetArgAsnSerSerGlyProCys 181

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Db      703 GTTGTGAATCAGAGAAACAGCCAGAGCTTCGATCCGAACTCAAGTGGCCCTGT 762
Qy      182 LeuSerGlySerLeuValSerLeuHisCySLeuAlaCySgLYLysSerLeuLysThrPro 201
Db      763 CTCTCAGGCTCCCTGGTCTCCCTGCACTGTCTTGCTGGGAGAGCCTCGAAGACCCCC 822
Qy      202 ArgValValGlyGlyGluGluValSerValAspSerTrpTrpGlnValSerLeuGln 221
Db      823 CCGTGCGTGGTGGGGAGAGAGCCCTGTGCAATCTTGACCTTGCGAGGTCAAGATCCAG 882
Qy      222 TyrAspLysGlnHisValCySgLYLysSerLeuAspProHisTrpValLeuThrAl 241
Db      883 TACGACAAACAGACAGCTGTGTGAGAGAGCATCTCGAGACCCCACTGGGTCTCTCAAGGCG 942
Qy      241 aAlaHisCySPhaArgLysHisThrAspValPheAsnTrpLysValAlaGlySerAs 261
Db      943 AGCCCACTGCTTCAAGAAACATACGATGTCTCACTGGAAGGTGGCGGAGGCTCAGA 1002
Qy      261 pLysLeuGlySerPheProSerLeuAlaValAlaLysLeileileileileileileleupheAsnPr 281
Db      1003 CAAACTGGGAGCTTCCCATCCCTGGCTGGCCAAATCANTCATTGAAATTCACACC 1062
Qy      281 cMetLysTrpLysAspAsnAspLLeAlaLeuMetLysLeuGlnPheProLeuThrPheSe 301
Db      1063 CATGTACCCCAAGACATGATGACATGCCCCATGAGCTGCACTCCCACTCACTTCTC 1122
Qy      301 rGlyThrValArgProLLeCySLeuProPhePheAspGluGluLeuThrProAlaThrPr 321
Db      1123 AGGCACATCAGGCCCATCTGTCTCCCTTTTGATAGAGAGCTCACTCCAGCCACCCC 1182
Qy      321 cLeuTrpLleileileileileileileileileileileileileileileileilele 341
Db      1183 ACTCGCATCATTTGATGGGCTTTACGAGCAGATGAGAGAGATGTGACATACT 1242
Qy      341 uLeuGlnAlaSerValGlnValLLeAspSerThrArgCySAsnAlaAspAspAlaTyrgL 361
Db      1243 GCTGAGGCGTCAAGTCCAGTGCATTGACAGACACGCGCATGCAATGCGATGGTCA 1302
Qy      361 nGlyValValThrGluLysMetMetCySAlaGlyLLeProGluGlyValLAspThrCy 381
Db      1303 GGGGGAGTCAACGAGAAAGATGTGTGACAGCATCCCGAAGGGGTGTGGACACTG 1362
Qy      381 eGlnGlyAspSerGlyGlyProLeuMetTyrgLInSerAspGlnTrpHisValValGlyL 401
Db      1363 CCAGGAGGACAGTGTGGGCCCCCTGATGTACCAATCTGACAGTGGCATGTGGGCGCAT 1422
Qy      401 eValSerTrpGlyTyrgLYLysGlyLysProSerThrProGlyValTyrrThrySValSe 421
Db      1423 CGTTAGCTGGGGCTATGGCTGCGGGGCCCCAGACACCCAGAGATATACCAAGGTCTC 1482
Qy      421 rAlaTyrrLeuAsnTrpLleTyrrAsnValTrpLysAlaGluLeu 435
Db      1483 AGCCTATCTCAACTGATCTACATGTCTGGAAGCTGAGCTG 1525

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RESULT 48

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US-11-072-918-2
; Sequence 2, Application US/11072918
; GENERAL INFORMATION:
; APPLICANT: Salceda, Susana
; APPLICANT: Sun, Yongming
; APPLICANT: Recipon, Heire
; APPLICANT: Caferkey, Robert
; TITLE OF INVENTION: A NOVEL METHOD OF DIAGNOSING, MONITORING, STAGING, IMAGING AND TR
; FILE REFERENCE: DEX-0539
; CURRENT APPLICATION NUMBER: US/11/072,918
; PRIOR FILING DATE: 2005-03-04
; PRIOR APPLICATION NUMBER: US 09/763,978
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: PCT/US99/19655
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: 60/098,880

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; PRIOR FILING DATE: 1998-09-02
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 2070
; TYPE: DNA
; ORGANISM: Homo sapien
US-11-072-918-2
Alignment Scores:
Pred. No.: 0
Score: 2324.00
Percent Similarity: 99.77%
Best Local Similarity: 99.77%
Query Match: 99.23%
DB: 66
US-10-803-530-2 (1-435) x US-11-072-918-2 (1-2070)
Qy      2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
Db      223 GATCTGACAGTATCAACTCTGAAACAGCTCGATGTCAAACTCTGGGCAAACTCCGT 282
Qy      22 1LeProMetGluThrPheArgLysValGlyLLeProLleileileileleuSerLeu 41
Db      283 ATCCCATGGAGACCTTCAGAAAGTGGGGATCCCATCATCATAGCACTAGAGCTCG 342
Qy      42 AlSerLleileileileileileileileileileileileileileileileilele 61
Db      343 GCGAGATCATCATTTGTGTGTCTTCATCAAGTATCTGGATTAATCATCTTCTC 402
Qy      62 CySgLYLProLeuHisPheLLeProArgLysGlnLeuCySAspGlyGluLeuAspCyS 81
Db      403 TCGGGGAGCTTCCACTTCATCCGAGAGAGAGCTGTGTGACGAGAGAGCTGACTGT 462
Qy      82 ProLeuGlyGluAspGluGluHisCySValLysSerPheProGluGlyProAlaValAla 101
Db      463 CCTTGGGGAGAGAGAGAGAGAGCATGTGTCAAGAGCTTCCGAGAGGCTGTGACATG 522
Qy      102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Db      523 GTCCGCTCTCCAAAGAGACGATCCACATCGAGGTGTGACTGCGCCACAGGAACTGG 582
Qy      122 PheSerAlaCySPhaAspAsnPheThrGluAlaLeuAlaGluThrAlaCySArgLInMet 141
Db      583 TTCTGCTGCTGTTTGCACAACTTCACAGAGCTTCGCTGACAGAGCTGTAGGGCATG 642
Qy      142 GlyTyrrSerSerLysProThrPheArgAlaValGluLleileileileileileilele 161
Db      643 GGTCTACAGCAGCAAACTCCACTTTCAGAGCTGTGGAGATTGGCCACAGCATCTGGAT 702
Qy      162 ValValGluLLeThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCyS 181
Db      703 GTTGTGAATCAGAGAAACAGCCAGAGCTTCGATCCGAACTCAAGTGGGCCCTGT 762
Qy      182 LeuSerGlySerLeuValSerLeuHisCySLeuAlaCySgLYLysSerLeuLysThrPro 201
Db      763 CTCTCAGGCTCCCTGGTCTCCCTGCACTGTCTTGCTGGGAGAGCCTCGAAGACCCCC 822
Qy      202 ArgValValGlyGlyGluGluValSerValAspSerTrpTrpGlnValSerLeuGln 221
Db      823 CCGTGCGTGGTGGGGAGAGAGCCCTGTGCAATCTTGACCTTGCGAGGTCAAGATCCAG 882
Qy      222 TyrAspLysGlnHisValCySgLYLysSerLeuAspProHisTrpValLeuThrAl 241
Db      883 TACGACAAACAGACAGCTGTGTGAGAGAGCATCTCGAGACCCCACTGGGTCTCTCAAGGCG 942
Qy      241 aAlaHisCySPhaArgLysHisThrAspValPheAsnTrpLysValAlaGlySerAs 261
Db      943 AGCCCACTGCTTCAAGAAACATACGATGTCTCACTGGAAGGTGGCGGAGGCTCAGA 1002
Qy      261 pLysLeuGlySerPheProSerLeuAlaValAlaLysLeileileileileileleupheAsnPr 281

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Db 1003 CAAAGTGGGAGCTTCCCATCCCTGGCTGTGGCCAGATCATCATTCATTCACACCC 1062
 Qy 281 CMeTtYrProlysaPasnAapIleAlaLeuMeTlySleuGlnPheProLeuThrPheSe 301
 Db 1063 CATGTACCCCAAGCAATGACATGCGCCCTCATGAGAGTGGACATCCACATCATCTTCTC 1122
 Qy 301 rGlyThrValArpProIleCySleuProPhePheAspGluGluLeuThrProAlaThrPr 321
 Db 1123 AGGCACAGTCAAGGCCCATCTCTCTCCCTCTTTGATAGAGAGCTCATCTCCAGCCACCC 1182
 Qy 321 OleuTrpIleIleGlyTrpGlyPheThrLySleuGlnAsnGlyLyMetSerAspIleLe 341
 Db 1183 ACTCGATCATTTGATGGAGGCTTACAGAGACAGATGAGAGGAGAGATGTCTGACATACT 1242
 Qy 341 uLeuGlnAlaSerValGlnValIleAspSerThrArgCySAsnAlaAspAlaIleTyG 361
 Db 1243 GCTGAGGCGTCAAGTCCAGGTCATTTGACAGCACAGGTCGCAATGACAGATGCTACCA 1302
 Qy 361 nGlyValValThrGluYsMeMetCySAlaGlyIleProGluGlyValAspThrCy 381
 Db 1303 GGGGAGATCAACCGAAGATGATGTGTGACAGCATCCCGAAGGGGGGTGTGACACCTG 1362
 Qy 381 sGlnGlyAspSerGlyGlyProLeuMetTyGlnSerAspGlnTrpHisValValGlyI 401
 Db 1363 CCAAGGTGACAGTGTGGGCTTGTATGACCAATCTGACAGTGGCATGTGTGGCAT 1422
 Qy 401 eValSerTrpGlyTyGlyCySgLyGlyProSerThrProGlyValIleThrLySValSe 421
 Db 1423 CGTTAGCTGGGCTATGCTGTGGGGGCGGCGGAGCCCGAGAGATATACCAAGAGTCTC 1482
 Qy 421 rAlaThrLeuAsnTrpIleTyAsnValTrpLyAlaGluLeu 435
 Db 1483 AGCCTATCTCACTGATCTACATGTCTGGAAGGCTGAGCTG 1525

RESULT 49

PCT-US02-40861-41

Sequence 41, Application PC/TUS0240861

GENERAL INFORMATION:
 APPLICANT: McLACHLAN, KAREN
 APPLICANT: REEF, MITCHELL

APPLICANT: DANIELS, MARK
 TITLE OF INVENTION: GENES OVEREXPRESSED BY OVARIAN CANCER AND THEIR USE IN
 TITLE OF INVENTION: DEVELOPING NOVEL THERAPEUTICS, ESPECIALLY ANTIBODIES
 FILE REFERENCE: 037003/0301015
 CURRENT APPLICATION NUMBER: PCT/US02/40861

PRIOR FILING DATE: 2003-05-15
 PRIOR APPLICATION NUMBER: 60/341,860
 PRIOR FILING DATE: 2001-12-21
 PRIOR APPLICATION NUMBER: 60/386,748
 PRIOR FILING DATE: 2002-06-10
 PRIOR APPLICATION NUMBER: 60/396,141
 PRIOR FILING DATE: 2002-07-17
 PRIOR APPLICATION NUMBER: 60/405,319
 PRIOR FILING DATE: 2002-08-23
 PRIOR APPLICATION NUMBER: 60/428,274
 PRIOR FILING DATE: 2002-11-22
 NUMBER OF SEQ ID NOS: 52
 SOFTWARE: PatentIn version 3.2

SEQ ID NO 41
 LENGTH: 2079
 TYPE: DNA
 ORGANISM: Homo sapiens
 PCT-US02-40861-41

Alignment Scores:
 Pred. No.: 0 Length: 2079
 Score: 2324.00 Matches: 434
 Percent Similarity: 99.77% Conservative: 0
 Best Local Similarity: 99.77% Mismatches: 0
 Query Match: 99.23% Indels: 1
 DB: 1 Gaps: 0

US-10-803-530-2 (1-435) x PCT-US02-40861-41 (1-2079)

Qy 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLySProLeuArgLyProArg 21
 Db 217 GATCTGACAGTATTCACACCTCTGACAGCCTCGATGCAAAACCCCTGGCAACCCCGT 276
 Qy 22 IleProMetGluThrPheArgLyS-ValGlyIleProIleIleAlaLeuLeuSerLe 41
 Db 277 ATCCCATGAGACCTTCAGAAAGTGTGGGATCCCATCATCATATGACATCATAGAGCT 336
 Qy 41 uAlaSerIleIleIleValValIleValValIleValValIleLeuAspLySlyrPheLe 61
 Db 337 GGCAGATATCATATGTGTGTCTTCATCAAGGTATTTCTGATTAATATCTACTTCTCT 396
 Qy 61 uCySgLyGlnProLeuHisPheIleProArgLySleuGlnCySAspGlyGluLeuAspCy 81
 Db 397 CTGGGGGAGGCTCTCCACTTCATCCGAGAGACAGCTGTGTGACGAGAGGCTGAGCTG 456
 Qy 81 sProLeuGlyGluAspGluGluHisCySValLySserPheProGluGlyProAlaValAl 101
 Db 457 TCCCTGGGGAGAGACGAGAGACAGTGTGCAAGGCTTCCCGAAGGGCTGACGTGGC 516
 Qy 101 aValArgLeuSerLySAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTr 121
 Db 517 AGTCGCTCTTCACAGACGATCCACATGAGGTGTGACATGCGCACAGGAGACTG 576
 Qy 121 PheSerAlaCySAspAspAspPheThrGluAlaLeuAlaGluThrAlaCySArgGlnMe 141
 Db 577 GTTCTCTCTCTCTTCACACCTTCACAGAGCTCTCCCTGAGACAGCTGTAGGCAAT 636
 Qy 141 rGlyTySserSerLySProThrPheArgLySValGluIleGlyProAspGlnAspLeuAs 161
 Db 637 GGGCTACAGAGCAAAACCATTCATGAGCTGTGGAGATTGGCCACAGACAGATCTGGA 696
 Qy 161 pValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCy 181
 Db 697 TGTGTGTAATTCACAGAAACAGCCAGAGACTTCGACATGAGGAACTCAAGTGGGCTG 756
 Qy 181 sLeuSerGlySerLeuValSerLeuHisCySLeuAlaCySgLySserLeuLySThrPr 201
 Db 757 TCTCTCAGGCTCCCTGGGCTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 816
 Qy 201 oArgValValGlyGlyGluGluAlaSerValAspSerTrpProGlnValSerIleG 221
 Db 817 CCGTGTGTGGTGTGGGAGAGAGGCTCTGTGGAATCTTGCTGGCAGTCAATCA 876
 Qy 221 nTyAspLySglnHisValCySgLyGlySerIleLeuAspProHisTrpValIleThrAl 241
 Db 877 GTACGACAAACAGCAGCTGTGTGAGGAGATCTGACCCCACTGGGCTTACAGGC 936
 Qy 241 aAlaHisCySAspPheArgLySHisThrAspValPheAsnTrpLySValArgAlaGlySerAs 261
 Db 937 AGCCACAGCTTCAGAGAAACATCCGATGTGTTCACTGGAAGGTGCGGGAGGCTCAGA 996
 Qy 261 pLySLeuGlySerPheProSerLeuAlaValAlaLySleIleIleIleGluPheAsnPr 281
 Db 997 CAAATCTGGGAGCTTCCATCCCTGCTGTGGCCAAATCATCATTCATTCATTCACACC 1056
 Qy 281 CMeTtYrProlysaPasnAapIleAlaLeuMeTlySleuGlnPheProLeuThrPheSe 301
 Db 1057 CATGTACCCCAAGCAATGACATGCGCCCTCATGAGAGCTGCACTCCACTCATCTTCTC 1116
 Qy 301 rGlyThrValArpProIleCySleuProPhePheAspGluGluLeuThrProAlaThrPr 321
 Db 1117 AGGCACAGTCAAGGCCCATCTCTCTCTTTATAGAGAGCTCATCTCCAGCCACCC 1176
 Qy 321 OleuTrpIleIleGlyTrpGlyPheThrLySleuGlnAsnGlyLyMetSerAspIleLe 341
 Db 1177 ACTCGATCATTTGATGGAGGCTTACAGAGACAGATGAGAGGAGAGATGTCTGACATACT 1236
 Qy 341 uLeuGlnAlaSerValGlnValIleAspSerThrArgCySAsnAlaAspAlaIleTyG 361
 Db 1237 GCTGAGGCGTCAAGTCCAGGTCATTTGACAGCACAGGTCGCAATGACAGATGCTGACCA 1296

GENERAL INFORMATION:
APPLICANT: Bunn, Paul
APPLICANT: Coldren, Christopher
APPLICANT: Franklin, Wilbur
APPLICANT: Geraci, Mark
APPLICANT: Helfrich, Barbara
APPLICANT: Hirsch, Fred
APPLICANT: Lapadat, Razvan
APPLICANT: Sugita, Michio
APPLICANT: Wiltz, Samir
TITLE OF INVENTION: Gefitinib Sensitivity-Related Gene Expression and Products and
FILE REFERENCE: 2848-65-PCT
CURRENT APPLICATION NUMBER: PCT/US05/02325
CURRENT FILING DATE: 2005-02-08
PRIOR APPLICATION NUMBER: 60/538,682
PRIOR FILING DATE: 2004-01-23
NUMBER OF SEQ ID NOS: 194
SOFTWARE: PatentIn version 3.3
SEQ ID NO 89
LENGTH: 2079
TYPE: DNA
ORGANISM: Homo sapiens
PCT-US05-02325-89

Alignment Scores:
Pred. No.: 0 Length: 2079
Score: 2324.00 Matches: 434
Percent Similarity: 99.77% Conservative: 0
Best Local Similarity: 99.77% Mismatches: 0
Query Match: 3 Indels: 1
DB: Gaps: 0

US-10-803-530-2 (1-435) x PCT-US05-02325-89 (1-2079)

QY 2 AspProAspSerAspGluProLeuAsnSerLeuAspValLeuProLeuArgLysProArg 21
DB 217 GATCTGACAGTGAACCTCTGACACACCTCGATGTAACCCCTGCGCAACCCCT 276
QY 22 IleProMetGluThrPheArgLys-ValGlyIleProIleIleIleValLeuLeuSer 41
DB 277 ATCCCATGAGACCTTCAAGAAAGTGGGATCCCATCATCATAGCATCTAGAGCT 336
QY 41 uAlaSerIleIleIleValValLeuIleLysValIleLeuAspLysTyrThrPheLe 61
DB 337 GCGGAGTATCATCATGTTGTGTCTCTCATCAAGGATTCGTGATTAATCTACTTCT 396
QY 61 uCyArgLysGlnProLeuHisPheIleProArgLysGlnLeuCyAspGlyGluLeuAspCy 81
DB 397 CTGCGGCGACCTCTCCACTTCACTCCGAGAAAGCATGTGTGAGCGAGAGCTGAGCTG 456
QY 81 sProLeuGlyGluAspGluGluHisCyValIleLysSerPheProGluGlyProAlaValAl 101
DB 457 TCCCTTGGGGGAGAGAGAGACATCTGTCTCAAGACTTCCCGAAGGGCTGCGAGTGGC 516
QY 101 aValAlaArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTr 121
DB 517 AGTCGCGCTCTCCAGAGACCGATCCACATCGACGGGTGCTGAGACTCGGCGACAGGGAACTG 576
QY 121 PheSerAlaCyPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCyArgGluLe 141
DB 577 GTTCTCTGCTGTTCGACAACTTCAAGAGCTCTCGCTGAGACAGCTGTAGGGAGAT 636
QY 141 tGlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGluAspLeuAs 161
DB 637 GGGGCTACAGACGAAACCACTTCAAGCTGTGAGATGGCCAGACAGGATCTGGA 696
QY 161 pValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCy 181
DB 697 TGTGTGTAATCAACGAAACGCGGAGGCTTCGACGCGGAACTCAAGTGGGCTCG 756
QY 181 sLeuSerGlySerLeuValSerLeuHisCyValLeuAlaCyGlyLysSerLeuThrPr 201

DB 757 TCTCTAGGCTCCCTGATCTCCCTGACACTGTCTGCTGTGGGAAAGACTGGAAGACCC 816
QY 201 oArgValValGlyGlyGluGluAlaSerValAspSerTrpProGlnValSerIleG 221
DB 817 CCGTGTGTGGGTGGGAGAGAGCTCTGTGATTTCTTGCCCTTGCGAGTCAAGATCCA 876
QY 221 nTyrAspLysGlnHisValCyArgLysSerIleLeuAspProHisTrpValLeuThrAl 241
DB 877 GTACAGCAACAGCAACGCTGTGAGGAGAGATCTTGACCCCGCTGGGTCTCTCAAGCC 936
QY 241 aAlaHisCyPheArgLysHisIleThrAspValPheAsnTrpLysValAlaGlySerAs 261
DB 937 AGCCCATGCTTCAAGAAATACCATGATGTTCAACTGAAAGGCGCGGAGCTTCAGA 996
QY 261 pLysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAspPr 281
DB 997 CAATCTGGCGAGCTTCCATCTCCGCTGGCTGGCCAGAGTCAATCATCATTTGAATTCAACC 1056
QY 281 oMetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSe 301
DB 1057 CATGTACCCCAAGACATGATCATGCTCCATGAGAGTGAAGTCCCATCTCATCTTCTC 1116
QY 301 tGlyThrValArgProIleCyLeuProPheAspGluGluLeuThrProAlaThrPr 321
DB 1117 AGGCAAGTCAAGGCCATCTGTCTGCTCCCTTGTGATGAGAGACTCATCTCCAGCACCCC 1176
QY 321 oLeuTrpIleIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLe 341
DB 1177 ACTGTGATCATTTGATGGGCTTTTACAGAGAGATGAGAGAGATGTCTGACATACT 1236
QY 341 uLeuGlnAlaSerValGlnValIleAspSerThrArgCyAsnAlaAspAspAlaTyrG 361
DB 1237 GCTGACGCGTCAAGTCCAGGTCATTTGACAGCACAGGTCGATGACAGAGCGGTACCA 1296
QY 361 nGlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCy 381
DB 1297 GGGGGAAGTCAACCGAAGATGATGTGTGACAGGATCCGGAAGGGGTGTGACACCTG 1356
QY 381 gGlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyTr 401
DB 1357 CCAGGATGACAGTGTGGGCTCCATGATGACCAATCTGACAGTGCATGTGTGGGCACT 1416
QY 401 eValSerTrpGlyTyrGlyCyArgLysGlyProSerThrProGlyValTyrThrLysValSe 421
DB 1417 CATTAGCTGGGCTATGTGCTGGGGGCCCGGACGACCCAGAGATATACCAAGGTCTC 1476
QY 421 zAlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
DB 1477 AGCTATATCAACTGATCTACATGTCTGAAAGCTGAGCTG 1519

RESULT 52
US-09-525-993-21
Sequence 21, Application US/09525993
GENERAL INFORMATION:
APPLICANT: Mack, David
APPLICANT: Gish, Kurt
APPLICANT: Wilson, Keith
TITLE OF INVENTION: NOVEL METHODS OF DIAGNOSING COLORECTAL CANCER,
TITLE OF INVENTION: COMPOSITIONS, AND METHODS OF SCREENING FOR COLORECTAL
FILE REFERENCE: A-67474-4/D18/J1D
CURRENT APPLICATION NUMBER: US/09/525,993
CURRENT FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: 09/268,866
PRIOR FILING DATE: 1999-03-15
PRIOR APPLICATION NUMBER: 09/436,983
PRIOR FILING DATE: 1999-11-09
PRIOR APPLICATION NUMBER: 09/435,945
PRIOR FILING DATE: 1999-11-09
PRIOR APPLICATION NUMBER: 09/450,857
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: 09/453,850
PRIOR FILING DATE: 1999-12-02

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; PRIOR APPLICATION NUMBER: 09/493,444
; PRIOR FILING DATE: 2000-01-28
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: Patentn Ver. 2.1
; SEQ ID NO 21
; LENGTH: 2079
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-525-993-21

Alignment Scores:
Pred. No.: 0
Score: 2324.00
Percent Similarity: 99.77%
Best Local Similarity: 99.77%
Query Match: 99.23%
DB: 25
Length: 2079
Matches: 434
Conservative: 0
Mismatch: 0
Indels: 1
Gaps: 0

US-10-803-530-2 (1-435) x US-09-525-993-21 (1-2079)

QY 2 ASPProAspSerAspGlnProLeuAenSerLeuAspValLysProLeuAenGlySerProArg 21
Db 217 GATCCTGACAGATGATACATCTGAAACAGCTCGATGTCAAACCCCTGGCAAAACCCCGT 276
QY 22 11eProMetGluThrPheArgLys-ValGly11eProLeu11eLeu11eLeuSerLe 41
Db 277 ATCCCATGAGAGCTTCAAGAAAGTGCGGATCCCATCATCATAGCATACCTAGCT 336
QY 41 uLaSerLeu11eLeuValValLeu11eLeuVal11eLeuAspLysTyrTyrPhe 61
Db 337 GCGAGATCATCATGTTGTTGTTGTTCTCATCAAGGTGATTCTGGATTAATCTACTTCT 396
QY 61 uCysGlyGlnProLeuHisPhe11eProArgLysGlnLeuCysAspGlyGluLeuAspCy 81
Db 397 CTGCGGAGCGCTCTCCACTTATCCAGAGAGAGAGCTGTGTGACGAGAGCTGACTG 456
QY 81 sProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAl 101
Db 457 TCCCTTGGGGAGAGAGAGAGAGAGCTGTCTCAAGAGTCTCCCGAGAGGCTGCGAGTGC 516
QY 101 aValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAenTr 121
Db 517 AGTCCGCTCTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 576
QY 121 pPheSerAlaCysPheAspAspPheThrGluAlaLeuAlaGluThrAlaCysArgGln 141
Db 577 GTTCTCTGCTGTTTCAAACTTCAAGAGAGCTGTGCTGAGACAGCTGTAGAGAGAT 636
QY 141 tGlyTyrSerSerLysProThrPheArgAlaValGlu11eGlyProAspGlnAspLeu 161
Db 637 GGGCTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 696
QY 161 pValValGlu11eThrGluAenSerGlnGluLeuArgMetArgAspSerGlyProCy 181
Db 697 TGTGTTGAATTCACAGAAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 756
QY 181 sLeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPr 201
Db 757 TCTCTAGGCTCTCTGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 816
QY 201 oArgValValGlyGluGluGluAlaSerValAspSerTrpProGlnAlaSerLeuG 221
Db 817 CCGGTGGTGGTGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 876
QY 221 nTyrAspLysGlnHisValCysGlyGlySer11eLeuAspProHisTrpValLeuThrAl 241
Db 877 GTAAGCAAAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 936
QY 241 aAlaHisCysPheArgLysHisThrAspValPheAspTrpLysValArgAlaGlySerAs 261
Db 937 AGCCCACTGCTTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 996
QY 261 pLysLeuGlySerPheProSerLeuAlaValAlaLys11eLeu11eGluPheAsnPr 281

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Db 997 CAAACTGGGAGAGCTTCCCATCTCGCTGGCCCAAGATCATCATGATTAATCAACC 1056
QY 281 oMetCysProLysAspAspAsp11eAlaLeuMetLysLeuGlnPheProLeuThrPhe 301
Db 1057 CATGTAACCCCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1116
QY 301 tGlyThrValArgProLeu11eCysLeuProPhePheAspGluLeuThrProAlaThrPr 321
Db 1117 AGGACAGTCAAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1176
QY 321 oLeuTrp11e11eGlyTyrGlyPheThrLysGlnAsnGlyGlyLysMetSerAsp11e 341
Db 1177 ACTCTGATCATTTGATGGGAGCTTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1236
QY 341 uLeuGlnAlaSerValGlnVal11eAspSerThrArgCysAsnAlaAspAlaTyrG 361
Db 1237 GCTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1296
QY 361 nGlyGluValThrGluLysMetMetCysAlaGly11eProGluGlyGlyValAspThrCy 381
Db 1297 GGGGGAAGTCAACGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1356
QY 381 sGlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGly 401
Db 1357 CAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1416
QY 401 eValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrValSe 421
Db 1417 GATTAGCTGGAGCTATGAGCTGCGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1476
QY 421 tAlaTyrLeuAsnTrp11eTyrAsnValTrpLysAlaGluLeu 435
Db 1477 AGCCATCTCAACTGATCATCAATGTCTGAAGGCTGAGCTG 1519

RESULT 53
US-09-525-993A-21
; Sequence 21, Application US/09525993A
; GENERAL INFORMATION:
; APPLICANT: Mack, David
; APPLICANT: Gish, Kurt
; APPLICANT: Wilson, Keith
; TITLE OF INVENTION: NOVEL METHODS OF DIAGNOSING COLORECTAL CANCER.
; TITLE OF INVENTION: COMPOSITIONS, AND METHODS OF SCREENING FOR COLORECTAL
; FILE REFERENCE: A-67474-4/DJB/JJD
; CURRENT APPLICATION NUMBER: US/09/525,993A
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 09/268,866
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 09/436,983
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 09/435,945
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 09/450,857
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: 09/453,850
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: 09/493,444
; PRIOR FILING DATE: 2000-01-28
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: Patentn Ver. 2.1
; SEQ ID NO 21
; LENGTH: 2079
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-525-993A-21

Alignment Scores:
Pred. No.: 0
Score: 2324.00
Percent Similarity: 99.77%
Best Local Similarity: 99.77%
Length: 2079
Matches: 434
Conservative: 0
Mismatch: 0

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Query Match: 99.23% Indels: 1
 DB: 25 Gaps: 0
 US-10-803-530-2 (1-435) x US-09-525-993A-21 (1-2079)

QY 2 AspProaPserAapGlnProleuAmsSerleuAapVallyPProleuArygProaArg 21
 DB 217 GATCTGACATGATCAACCTCTGACAGCTTCGATGCAACCCCTCGCAACCCCT 276
 QY 22 IleProMetGluThrPheArgLys-ValGlyIleProIleIleIleValaleuSerle 41
 DB 277 ATCCCAATGAGAACCTTCAGAAAGTGAGGATCCCATCATCATAGCACTAGAGCT 336
 QY 41 uAlaSerIleIleIleValValleuIleLysValIleleuAapLysIlyrPhe 61
 DB 337 GCGGAGTATCATATTGCTGCTGCTCATCAAGGTGATTCGGAATTAATCTACTTCT 396
 QY 61 uCyGglYglInProleuHIsPheIleProArgLysGlnleuCyAapGylgluAapCy 81
 DB 397 CTGCGGAGAGCTCTTCACCTTCATCCAGAGAGAGCTGTGTGAGAGAGCTGAGCTG 456
 QY 81 sProleuGylgluAapGylgluHIsCyValLysSerPheProGluGlyProAlaValAl 101
 DB 457 TCCCTTGGGAG 516
 QY 101 aValArgLysSerLysAapArgSerThrLeuGlnValleuAapSerAlaThrGlyAanTr 121
 DB 517 AGTCGGCTCTTCAG 576
 QY 121 pPheSerAlaCyAapPheAapPheThrGluAlaValleuAgluThrAlaCyAargLme 141
 DB 577 GTTCTCTGCTGTTTCAGCACTTCACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 636
 QY 141 tGlyrYrSerSerLysProThrPheArgAlaValGluIleGlyPProaPglInaPleuAs 161
 DB 637 GGGCTACAG 696
 QY 161 pValValGluIleThrGluAmsSerGlnIleuArgMetAArgAmsSerSerGlyProCy 181
 DB 697 TGTGTTGAAATCAAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 756
 QY 181 sLeuSerGylSerleuValSerleuHIsCySerleuAlaCyGylLysSerleuLysThrPr 201
 DB 757 TCTCTCAGGCTCTCGGTCTCTCTGACAGTCTGCTGTGGAGAGAGAGAGAGAGAG 816
 QY 201 cArgValValGylGylGluGluAlaSerValAapSerTrpTrpGlnValSerIleG 221
 DB 817 CCGTGTGGGTGGGAG 876
 QY 221 nTyTrAapLysGlnHIsValCyGylGylSerIleleuAapProHIsTrpValleuThrAl 241
 DB 877 GTACAGCAAAAG 936
 QY 241 aAlaHisCyPheAArgLysHIsThrAapValPheAanTrLysValArgAlaGlySerAs 261
 DB 937 AGCCCACTGCTTCAGGAAACATACCATGTGTTCACTGGAAGGTGCGGGAGAGCTCA 996
 QY 261 pLysleuGylSerPheProSerleuAlaValAlaLysIleIleIleIleGlnPheAanPr 281
 DB 997 CAAACGTGGGAG 1056
 QY 281 oMetYrProLysAapPheAapLysAlaAlaMetLysleuGlnPheProleuThrPheSe 301
 DB 1057 CATGTACCCCAAG 1116
 QY 301 rGlyThrValArgProIleCySerleuProPhePheAapGluGluLeuThrProAlaThrPr 321
 DB 1117 AGGCAAGTCAAGGAG 1176
 QY 321 oLeuTrpIleIleGlyTrpGlyPheThrLysGlnAmsGylGlyLysMetSerAapLleLe 341
 DB 1177 ACTCTGATCATTTGATGGGAGTTTACGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1236

QY 341 uLeuGlnAlaSerValGlnValIleAapSerThrArgCyAanHIsAapAapAlaTrpG 361
 DB 1237 GCTGCAAGGCGTCACTCCAGGATCATTTGACAGACAGGAGAGATGACAGATGCGTACCA 1296
 QY 361 nGylGluValThrGluLysMetMetCyValaGlyIleProGluGylGlyValAapThrCy 381
 DB 1297 GGGGGAAGTCAACCAAGAAAGATGATGTGTGAGGATCCCGAGAGGGGTGTGAGACCTG 1356
 QY 381 sGlnGlyAapSerGylGlyProleuMetTyrgLysSerAapGlnTrpHisValAlaGlyI 401
 DB 1357 CCAGGAGTACAGTGTGGGCGCCCTGATGTACAAATCTGACAGAGTGTGTGGAGAT 1416
 QY 401 eValSerTrpGlyTyrgLysCyGylGlyProSerThrProGlyValTyThrLysValSe 421
 DB 1417 GCTTAGCTGGGCTHrGTGCTGCGGGGCGCCAGACACCCAGAGATATACCAAGTCTC 1476
 QY 421 rAlaTyrlleuAanTrpIleTyraAnValTrpLysAlaGluLeu 435
 DB 1477 AGCTATCTCAATGATCTACATATGTCGAGAGAGCTGAGCTG 1519

RESULT 54
 US-09-776-191-71
 Sequence 71, Application US/09776191

GENERAL INFORMATION:

APPLICANT: Edwin L. Madison

APPLICANT: Edgar O. Ong

APPLICANT: Jiumn-Chern Yeh

APPLICANT: Corvas International, Inc.

TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING

TITLE OF INVENTION: TRANSMEMBRANE SERINE PROTEASES, THE ENCODED PROTEINS AND

FILE REFERENCE: 24745-1607

CURRENT APPLICATION NUMBER: US/09/776,191

PRIOR FILING DATE: 2001-02-02

PRIOR APPLICATION NUMBER: 60/213,124

PRIOR FILING DATE: 2000-06-22

PRIOR APPLICATION NUMBER: 60/234,840

PRIOR FILING DATE: 2000-06-22

PRIOR APPLICATION NUMBER: 60/179,982

PRIOR FILING DATE: 2000-02-03

PRIOR APPLICATION NUMBER: 60/183,542

PRIOR FILING DATE: 2000-02-18

PRIOR APPLICATION NUMBER: 09/657,968

PRIOR FILING DATE: 2000-02-08

NUMBER OF SEQ ID NOS: 72

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 71

LENGTH: 2079

TYPE: DNA

ORGANISM: Homo sapien

FEATURE:

NAME/KEY: CDS

LOCATION: (251)... (1522)

OTHER INFORMATION: Nucleotide sequence encoding transmembrane

OTHER INFORMATION: protease, setline 4 (TPRSS4)

PUBLICATION INFORMATION:

DATABASE ACCESSION NUMBER: GenBank NM016425

DATABASE ENTRY DATE: 2000-11-06

US-09-776-191-71

Alignment Scores:

Pred. No.: 0

Score: 2324.00

Percent Similarity: 99.77%

Best Local Similarity: 99.77%

Query Match: 99.23%

DB: 32

Length: 2079
 Matches: 434
 Conservative: 0
 Mismatches: 0
 Indels: 1
 Gaps: 0

US-10-803-530-2 (1-435) x US-09-776-191-71 (1-2079)

QY 2 AspProaPserAapGlnProleuAmsSerleuAapVallyPProleuArygProaArg 21
 DB 217 GATCTGACATGATCAACCTCTGACAGCTTCGATGCAACCCCTCGCAACCCCT 276

QY 22 ILeProMetGluThrPheArgLys-ValGlyIleProIleIleIleAlaLeuLeuSerLe 41
Db 277 ATCCCAATGAGAGCTTCAGAAAGTGGGATCCCATCATCATGACACTACTGAGCCT 336
QY 41 uLaSerIleIleIleValValLeuIleLysValIleLeuAspLysTyrPheLe 61
Db 337 GGGAGATCATCATGTTGGTGTCTCTCATCAAGGATTCGTGGATTAATCTACTTCT 396
QY 61 uCyGlyGlnProLeuHisPheIleProArgLysGlnLeuCyAspGlyGluLeuAspCy 81
Db 397 CTGGGGGAGAGCTCTCCACTTCATCCGAGAAAGCTGTGTGAGAGAGAGCTGAGACTG 456
QY 81 sProLeuGlyGluAspGlyGluHisCysValIlysserPheProGluGlyProAlaValAl 101
Db 457 TCCCTTGGGGAG 516
QY 101 aValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTr 121
Db 517 AGTCCGCTCTCCAG 576
QY 121 PheSerAlaCyAspAspAsnThrGluAlaLeuAlaGluThrAlaCyAsArgLysLe 141
Db 577 GTTCTGTGCTGTTCGACAACTTCAGAAAGCTCTCGCTGAGAGAGAGCTGTGAGAGAG 636
QY 141 tGlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAs 161
Db 637 GGGGCTACAG 696
QY 161 pValValGluIleThrGluAsnSerGlnIleuLeuArgMetArgAsnSerSerGlyProCy 181
Db 697 TGTGTGTGAATCAGAGAAACAGCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 756
QY 181 sLeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPr 201
Db 757 TCTTCAGAGCTCCCTGCTCTCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 816
QY 201 oArgValValGlyGlyGluGluAlaSerValAspSerThrProTrpGlnValSerIleG 221
Db 817 CCGTGTGTGTGGGGAG 876
QY 221 nTyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAl 241
Db 877 GTACGAGAAACAG 936
QY 241 aAlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAs 261
Db 937 AGCCCACTGCTTCAGAAACATACCGATGTGTCAACTGGAAGAGAGAGAGAGAGAGAG 996
QY 261 pLysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsnPr 281
Db 997 CAACCTGGGAGAGCTCCATCCCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCTGGCT 1056
QY 281 oMetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSe 301
Db 1057 CATGTACCCCAAAACATATGATCATCGCCCTCATATAGCTGAGTTCCTCATCTTCTCTC 1116
QY 301 tGlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPr 321
Db 1117 AGGACAGCTCAGGCGCATGTGTCTGCTTCTTGAAGAGAGAGAGAGAGAGAGAGAGAG 1176
QY 321 oLeuTrpIleIleIleGlyThrGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLe 341
Db 1177 ACTTGGATCATGTGATGGGGCTTTTACAGAGCAAAATGAGAGAGAGAGAGAGAGAGAG 1236
QY 341 uLeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrG 361
Db 1237 GCTGCAAGGCTCATGCTCATGATCATGATCATGATCATGATCATGATCATGATCATGAT 1296
QY 361 nGlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCy 381
Db 1297 GGGGAGAGTCAACGAGAAAGATGATGTGTGAGAGGATCCCGAAGGGGGGTGTGAGAC 1356

QY 381 sGlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyI 401
Db 1357 CCAAGGTATCAGTGTGTGGGAG 1416
QY 401 eValSerTrpGlyTyrGlyCyGlyGlyProSerThrProGlyValTyrThrLysValSe 421
Db 1417 GCTTACGTGGGGCTATGCTGTGGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1476
QY 421 tAlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
Db 1477 AGCCTATCTCACTGATGATTCATATGTGTGAAAGCTGAGCTG 1519
RESULT 55
US-10-156-214A-38
; Sequence 38, Application US/10156214A
; GENERAL INFORMATION:
; APPLICANT: Edwin L. Madison
; APPLICANT: Joseph Edward Sempie
; APPLICANT: George P. Vlasuk
; APPLICANT: Scott Jeffrey Kemp
; APPLICANT: Mallareddy Komandla
; APPLICANT: Daniel Vanna Siev
; TITLE OR INVENTION: Conjugates Activated By Cell Surface Proteases and Therapeutic Use
; TITLE OR INVENTION: Theroid
; FILE REFERENCE: 24745-1611
; CURRENT APPLICATION NUMBER: US/10/156,214A
; CURRENT FILING DATE: 2002-05-23
; NUMBER OF SEQ ID NOS: 611
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 38
; LENGTH: 2079
; TYPE: DNA
; ORGANISM: Homo sapien
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (251)..(1522)
; OTHER INFORMATION: Nucleotide sequence encoding transmembrane
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank NM016425
; DATABASE ENTRY DATE: 2000-11-06
US-10-156-214A-38
Alignment Scores:
Pred. No.: 0 Length: 2079
Score: 2324.00 Matches: 434
Percent Similarity: 99.77% Conservative: 0
Best Local Similarity: 99.77% Mismatches: 0
Query Match: 99.23% Indels: 1
DB: Gaps: 0
US-10-803-530-2 (1-435) x US-10-156-214A-38 (1-2079)
QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIlysProLeuArgLysProArg 21
Db 217 GATTCCTGACATGATCAACTCTGAACAGAGCTCGATGTCAAAACCCCTCGCAACCCGCT 276
QY 22 ILeProMetGluThrPheArgLys-ValGlyIleProIleIleIleAlaLeuLeuSerLe 41
Db 277 ATCCCAATGAGAGCTTCAGAAAGTGGGATCCCATCATCATGACACTACTGAGCCT 336
QY 41 uLaSerIleIleIleValValLeuIleLysValIleLeuAspLysTyrPheLe 61
Db 337 GGGAGATCATCATGTTGGTGTCTCTCATCAAGGATTCGTGGATTAATCTACTTCT 396
QY 61 uCyGlyGlnProLeuHisPheIleProArgLysGlnLeuCyAspGlyGluLeuAspCy 81
Db 397 CTGGGGGAGAGCTCTCCACTTCATCCGAGAAAGCTGTGTGAGAGAGAGAGAGAGAGAGAG 456
QY 81 sProLeuGlyGluAspGlyGluHisCysValIlysserPheProGluGlyProAlaValAl 101
Db 457 TCCCTTGGGGAG 516

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QY 101 aValArgLeuSerlysaPaRgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTr 121
Db 517 AGTCCGCTCTCCAGAACCAATCCACCTGACGAGTGTGACTGCGCACAGGAACTG 576
QY 121 pPheSerAlaCySpheAspAenpHeThrGlnAlaLeuAlaGlnThrAlaCySaRgGlnMe 141
Db 577 GTTCTGCGCTGTTCCAGCACTTCCAGAAAGCTCTGCTGACAGAGCTGTAGGAGAT 636
QY 141 tGlyTyrSerSerlyspRothrPheArgAlaValGlnIleGlyProAspGlnAspLeuAs 161
Db 637 GGGCTACAGCAGCAAAACCCACTTTCAGAGCTGTGAGATTGGCCCAAGCAAGATCTGGA 696
QY 161 pValValGlnIleThrGlnuAsenSerGlnIleuArgMetArgAsnSerSerGlyProCy 181
Db 697 TGTGTGAAATCAACAGAAACAGCCAGAGCTTCCAGCGAACTCAAGTGGGCTTG 756
QY 181 sLeuSerGlySerLeuValSerLeuHisCySeLeuAlaCySeGlyLySerLeuLyThrPr 201
Db 757 TCTCTCAGGCTCCCTGCTCTCCCTGCACTGCTCTTCCCTGGGAAAGACCTGAGAGACCC 816
QY 201 cArgValArgIleGlyGlnGlnAlaSerValAspSerTrpProGlnValSerIleGln 221
Db 817 CCGTGTGGTGGGAGAGAGAGGCTCTGTGGAATCTTGCGCTTGGCAGGCTCAGCATCCA 876
QY 221 nTyrAspLyseGlnHisValCySeGlyLySerIleLeuAspProHisTrpValIleuThrAl 241
Db 877 GTACGACAAACAGCAGCTGTGTGAGGAGCAGCTCTGAGCCCACTGGAGCTCTCAGGAG 936
QY 241 aAlaHisCySpheArgIleValIleThrAspValPheAsnTrpLyseValArgAlaGlySerAs 261
Db 937 AGCCCACTGCTTCCAGGAACATACCGATGTTTCACTGGAAGGTCGGGAGGCTCAGA 996
QY 261 pLyseGlnLysePheProSerLeuAlaValAlaValIleIleIleGlnPheAsnPr 281
Db 997 CAAACTGGGAGCTTCCCATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1056
QY 281 cMetCysProLyseAspAenpIleAlaLeuMetLyseGlnPheProLeuThrPhSe 301
Db 1057 CATGTAACCCCAAGCAATGATGCTCCCTCATGAAAGCTGCACTGCTCCTCCTCCTC 1116
QY 301 tGlyThrValArgProIleCySeLeuProPheAspGlnGlnIleuThrProAlaThrPr 321
Db 1117 AGGCACATCAGGCCCATCTGCTGCTCCTCTTTATAGAGAGCTCAGCTCCAGCCACCC 1176
QY 321 cLeuTrpIleIleGlyTrpGlyPheThrIySeGlnAsnGlyLyseMetSerAspIleLe 341
Db 1177 ACTTGATCATTTGATGGGCTTACGAAGCAGATGGAAGGAGATGCTGATCTACT 1236
QY 341 uLeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaThrGl 361
Db 1237 GCTGAGGCGTCAAGTCCAGGTATTGACAGCAGCGGTGCAATGACAGAGATGCGTACCA 1296
QY 361 nGlyValValThrGlnLyseMetCysAlaGlyIleProGlnGlyValAspThrCy 381
Db 1297 GGGGGAAGTCAACGAGAAATATATGTGTGACAGCATCCGGAAGGGGGTGTGACACTG 1356
QY 381 sGlnGlyAspSerGlyLyseProLeuMetCysIleAspGlnIleThrPhIleValGlyYl 401
Db 1357 CCAAGGTGACAGTGGTGGGCTCCCTGATGTACCAATCTGACAGTGGCATGTGTGGGCA 1416
QY 401 eValSerTrpGlyTrpGlyCySeGlyLyseProSerThrProGlyValIleThrLyseValSe 421
Db 1417 CGTTGAGTGGGCTATGTGTGCGGGGGCCGAGACCCCAAGAGATATACCAAGGTCTC 1476
QY 421 tAlaTyrLeuAsnTrpIleTyrAsnValTrpLyseAlaGlnLeu 435
Db 1477 AGCCTATCTCAACTGATCTCAATGTCTGGAAGGCTGAGCTG 1519

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RESULT 56
 US-10-254-289-1
 ; Sequence 1, Application US/10254289
 ; GENERAL INFORMATION:
 ; APPLICANT: Mack, David

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; APPLICANT: Gish, Kurt
; APPLICANT: Wilson, Keith
; TITLE OF INVENTION: NOVEL METHODS OF DIAGNOSING COLORECTAL CANCER, COMPOSITIONS, AND
; TITLE OF INVENTION: OF SCREENING FOR COLORECTAL CANCER MODULATORS
; FILE REFERENCE: A-69108/DUE/JUD/AMS
; CURRENT FILING DATE: US/10/254,289
; PRIOR APPLICATION NUMBER: US/02-09-24
; PRIOR FILING DATE: 2002-09-24
; PRIOR APPLICATION NUMBER: US/09/656,002
; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: US 09/525,993
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: US 09/493,444
; PRIOR FILING DATE: 2000-01-28
; PRIOR APPLICATION NUMBER: PCT/US 00/07044
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 2079
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-254-289-1

Alignment Scores:
Pred. No.: 0 Length: 2079
Score: 2324.00 Matches: 434
Percent Similarity: 99.77% Conservative: 0
Best Local Similarity: 99.77% Mismatches: 0
Query Match: 99.23% Indels: 1
DB: Gaps: 0

US-10-803-530-2 (1-435) x US-10-254-289-1 (1-2079)
QY 2 AspProAspSerArgGlnProLeuAsnSerLeuAspValLyseProLeuArgLyseProArg 21
Db 217 GATCCTGACAGTGAATCAACCTCTGAAACAGCTTCGATGCAACCCCTGCGAAACCCCTG 276
QY 22 IleProMetGlnTrpPheArgLyse-ValGlyYlIleProIleIleIleAlaLeuSerLe 41
Db 277 ATCCCATGAGACCTTTCAGAAAGTGGGATGCCCATCATCATGACTACTAGAGGCT 336
QY 41 uAlaSerIleIleIleValValValIleuIleLyseValIleLeuAspLyTrpPheLe 61
Db 337 GCGGAGTATCATATGATGGTGTGCTCATCAAGGTGATTCGATTAATACTACTTCTCT 396
QY 61 uCySeGlyGlnProLeuHisPheIleProArgLyseGlnLeuCySaRgLyGlnIleuAspCy 81
Db 397 CTGCGGAGAGCTCTCCACTTTCATCCGAGAAAGCAGCTGTGTGACGAGAGCTGACTG 456
QY 81 sProLeuGlyGlnAspGlnGlnIleHisCySeValLysePheProGlnGlyProAlaValAl 101
Db 457 TCCCTTGGGAGAGCAGAGAGCACTGTGTCAAGAGCTTCCCGAAGGGCTGCACTGGC 516
QY 101 aValArgLeuSerlysaPaRgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTr 121
Db 517 AGTCCGCTCTCCAGAACCAATCCACCTGACGAGTGTGACTGCGCACAGGAACTG 576
QY 121 pPheSerAlaCySpheAspAenpHeThrGlnAlaLeuAlaGlnThrAlaCySaRgGlnMe 141
Db 577 GTTCTGCGCTGTTCCAGCACTTCCAGAAAGCTCTGCTGACAGAGCTGTAGGAGAT 636
QY 141 tGlyTyrSerSerlyspRothrPheArgAlaValGlnIleGlyProAspGlnAspLeuAs 161
Db 637 GGGCTACAGCAGCAAAACCCACTTTCAGAGCTGTGAGATTGGCCCAAGCAAGATCTGGA 696
QY 161 pValValGlnIleThrGlnuAsenSerGlnIleuArgMetArgAsnSerSerGlyProCy 181
Db 697 TGTGTGAAATCAACAGAAACAGCCAGAGCTTCCAGCGAACTCAAGTGGGCTTG 756
QY 181 sLeuSerGlySerLeuValSerLeuHisCySeLeuAlaCySeGlyLySerLeuLyThrPr 201
Db 757 TCTCTCAGGCTCCCTGCTCTCCCTGCACTGCTCTTCCCTGGGAAAGACCTGAGAGACCC 816

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QY	201	akargvalvalaigylvgiuglunlaserValaspserTTPProTpglnValserIleGI	221
Db	817	ccgtgtgggggggggaagaagcccttctggaattcttggcccttgacagtcagatcca	876
QY	221	nTyrAspLysGlnHisValCysGIYgIYserIleuAaPProHsTPVValLeuThrAl	241
Db	877	GTACGACAAACAGCAGCTGTGTGGAGGAGCATCCTGCAGCCCCACTGGGTCTTACGGC	936
QY	241	aAlaHisCysPheAlaGlyVshisThrAspValPheAsnTPDlyValArgAlaGlySerAs	261
Db	937	ACCCCACTGCTTCAGAGAAACATACCGATGTGTTCAACTGGAAGGCGGGCAGCTCAGA	996
QY	261	PLysLeuGIYSerPheProSerIleuAlaValAlaYsIleIleIleIleGIunPheAsnPr	281
Db	997	CAAACTGGGCACTTCCATCCCTGGCTGTGGCCAAAGATCATCATTTGAATTCAACC	1056
QY	281	cMetYrProIlyAsaPheAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSe	301
Db	1057	CATGTACCCCAAGCAATGATGATGCCCTCATGGAAGCTGCAAGTCCCACTCATCTTCTC	1116
QY	301	rgIYThrValArgProIleCysLeuProPhePheAsnGIunIleuThrProAlaThrPr	321
Db	1117	AGGCACAGTCAGGCCCATCTGTCTGCCCTTCTTTATAGAGAGCTCAGCTCCAGCCACCC	1176
QY	321	oleuTPIleIleGIYrPgiYpHeThrLysGlnAsnGIYgIYIYsMetSerAspIleLe	341
Db	1177	ACTCTGATCATTTGGATGGGGCTTTACGAAGCAGAAATGAGGGAGAGATGTGCACATCT	1236
QY	341	uLeuGlnIAserValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaYrGI	361
Db	1237	GCTGACAGGCGTACAGTCAGGTATTGACAGCAACGAGTGCAATGACAGATGGGTACA	1296
QY	361	ngIYgIunValThrGIuLYsMetMetCysAlaGIYIleProGIunGIYgIValAspThrCY	381
Db	1297	GGGGGAATGACCCGAGAAGATGATGTGTGACGACATCCGGAAAGGGGGGTGTGCACCTG	1356
QY	381	sgLingIYAspSerGIYgIYProLeuMetYrGlnSerAspGlnTPHisValValGIYI	401
Db	1357	CCAGGGTACAGTGGTGGGCCCTGTGATTCACCAATGCACCAAGTGGCATGTGGGGGCAT	1416
QY	401	eValSerTPgIYrGIYCYsGIYGIYProSerThPrGIYValTYrThrLysValSe	421
Db	1417	CGTTAAGCTGGGGCTATGGCTCGGGGGGCCCGACACCCCAAGAGTATATACCAAGATTC	1476
QY	421	rAlaTYrLeuAsnTPIleYrAsnValTYrLysAlaGlnLeu	435
Db	1477	AGCCTATCTCAACTGAGATCTACATATGCTGTGAAGGCTGAGCTG	1519

RESULT 57
US-10-264-820-22
Sequence 22, Application US/10264820
GENERAL INFORMATION:
APPLICANT: Eos Biotechnology, Inc.
TITLE OF INVENTION: Novel Methods of Diagnosing Colorectal Cancer,
TITLE OF INVENTION: Compositions, and Methods of Screening for Colorectal
TITLE OF INVENTION: Cancer Modulators
FILE REFERENCE: 018501-006141US
CURRENT APPLICATION NUMBER: US/10/264,820
CURRENT FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 09/268,866
PRIOR FILING DATE: 1999-03-15
PRIOR APPLICATION NUMBER: US 09/435,945
PRIOR FILING DATE: 1999-11-09
PRIOR APPLICATION NUMBER: US 09/436,983
PRIOR FILING DATE: 1999-11-09
PRIOR APPLICATION NUMBER: US 09/450,857
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: US 09/453,850
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: US 09/453,444
PRIOR FILING DATE: 2000-01-28
PRIOR APPLICATION NUMBER: US 09/525,993
PRIOR FILING DATE: 2000-03-15

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; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 22
; LENGTH: 2079
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: CJA8 cDNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (251)..(1522)
; OTHER INFORMATION: human CGA8
US-10-264-820-22

Alignment Scores:
Pred. No.: 0
Score: 2324.00
Percent Similarity: 99.77%
Best local Similarity: 99.77%
Query Match: 99.23%
DB: 43

Length: 2079
Matches: 434
Conservative: 0
Mismatch: 0
Indels: 1
Gaps: 0
US-10-803-530-2 (1-435) x US-10-264-820-22 (1-2079)

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QY	2	AspProAspSerIspGlnProLeuAnSerLeuAspValIysProLeuArgIysProArg	21
Db	217	GATCTCAAGATGATCAACTCTGAACAGCTCGATGATCAACCCCTGGCAAAACCCGT	27
QY	22	ILeProMetGlnThrPheArgIys-ValGlyIleProIleIleIleAlaLeuSerIe	41
Db	277	ATCCCAATGAGACCTTCAGAAAGTGGGGATCCCATCATATGACATCTAGAGCT	33
QY	41	uAlaSerIleIleIleValIleValIleuIleIysValIleLeuAspIleIYTYRPhel	61
Db	337	GGCAGATATCATATGTTGGTTGTCTCATCAAGGATTCGATTAATAATCTACTTCT	39
QY	61	uCySglYgInProLeuHisPheIleProArgIysGlnLeuCyAspArgIyluLeuAspCy	81
Db	397	CTGGGGGACACTCTTCCACTTATCCCGAGAGACAGCTGTGTGACGAGAGACTGACTG	45
QY	81	sProLeuGlyIluAspGluGluHisGlySValIysSerPheProGluGluIProAlaValAl	101
Db	457	TCCCTTGGGGAGAGACAGAGAGACGTGTCAAGAGCTTCCCGAAGGGCCCTGCAGTGGC	51
QY	101	aValArgLeuSerIysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTr	121
Db	517	AGTCCGCTCTCCAAAGACCGATCCACACTGAGAGTCTGACTCTGGCCACAGGAACTG	57
QY	121	pPheSerAlaCySPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCyArgIle	141
Db	577	GTTCTCTGCTGTTTGGACACTTACAGAAACCTCTGCTGAGACGCTTAGGCGAGAT	63
QY	141	tGlyTYrSerSerIysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAs	161
Db	637	GGGCTCAGAGAGAAACCACTTTCAGACTGTGAGATTGGCCCAAGACAGATCTGGA	69
QY	161	pValValGluIleThrGluAsnSerGlnIleuLeuArgMetArgAsnSerSerGlyProCy	181
Db	697	TGTTGTGTAATCATCAGAAACAGCAGGAGCTTGATCGGACATGCGAACTCAATGGGCGCTG	75
QY	181	sLeuSerGlySerLeuValSerLeuHisCyAlaLeuAlaCySglYysSerIleuYsThrPr	201
Db	757	TCTCTCAGGCTCCCTGGATCTCCCTGCACATGCTTTCCTGTGGAGAGACCTGAAAGACCC	81
QY	201	oArgValValIglYglYgluGluAlaSerValAspSerTrpProTrpGlnValSerIleG	221
Db	817	CCGTGTGGTGGGTGGGAGAGAGGCTCTGTGGATCTTGAGCTTGAGCGATCAATCCA	87
QY	221	nTYrAspIlysglnHisValIysGlyIysSerIleLeuAspProHisTrpValIleuThrAl	241
Db	877	GTACGACAAACAGCAGCTGTGTGGAGGAGATCTGTGACCCCACTGGGGCTTCACAGGC	93
QY	241	aAlaHisCyPheArgIlyHisIleThrAspValPheAsnTrpIlyValArgAlaGlySerAs	261

[illegible]

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RESULT 58
US-10-264-820A-22
? Sequence 22, Application US/10264820A
? GENERAL INFORMATION:
? APPLICANT: Eos Biotechnology, Inc.
? TITLE OF INVENTION: Methods of Diagnosing Colorectal Cancer
? FILE REFERENCE: 05882.0137.PVUS03
? CURRENT APPLICATION NUMBER: US/10/264, 820A
? CURRENT FILING DATE: 2002-10-03
? PRIOR APPLICATION NUMBER: US 09/525, 993
? PRIOR FILING DATE: 2000-03-15
? NUMBER OF SEQ ID NOS: 35
? SOFTWARE: PatentIn Ver. 2.1
? SEQ ID NO 22
? LENGTH: 2079
? TYPE: DNA
? ORGANISM: Homo sapiens
? FEATURE:
? OTHER INFORMATION: C2A8 CDNA
? FEATURES:
? NAME/KEY: CDS
? LOCATION: (251)..(1522)
? OTHER INFORMATION: human CGA8
US-10-264-820A-22

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Alignment Scores:		
Pred. No.:	0	2079
Score:	234.00	
Percent Similarity:	99.77%	Matches: 434
Best Local Similarity:	99.77%	Conservative: 0
Query Match:	99.23%	Mismatches: 0
DB:	43	Indels: 1
		Gaps: 0

QY	2	AspProAspSerAspGlnProLeuAsnSerLeuAspValIysProLeuArgLysProArg	21
Db	217	GATCTTGACATGATCAACTCTTGACAGCCTCCATGTCAAAACCCCTCGGAAACCCG	276
QY	22	IleProMetGlnThrPheArgLys-ValGlyIleProIleIleIleIleLeuLeuSerIle	41
Db	217	ATCCCATGAGAGACCTTCAGAAAGTGTGGGATCCCATCATCATGACATTAAGACCT	336
QY	41	uNAserIleIleIleValValValIleuIleLysValIleLeuAspIysIYTYrPheIle	61
Db	337	GCGCAGTATCATCATTTGTGTTCCTCATCAAGGTGATTCGTGATTAATATTACTTCTT	396
QY	61	uCyeglYgInProLeuHisPheIleProArgLysGlnLeuCyAspArgIguLeuAspCy	81
Db	337	CTGGGGGAGACCTCTCCACTTCAATCCGAGAGACAGTGTGTGACGGAGAGCTGAC	456
QY	81	sProLeuGlyGlnAspGlnGluHisCyAsValIysSerPheProGluIYProAlaValAl	101
Db	457	TCCCTTGGGGGAGACGAGAGACACTGTGTCAAGACTTCCCGAAGGGCTCGCAGTGC	516
QY	101	aValArgLeuSerIysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTr	121
Db	517	AGTCGGCTCTTCAGAGGACCGATCCACTGAGGTGTGTGACTGGGCAAGGGAACTG	576
QY	121	pPheSerIaCySPheAspAsnPheThrGluAlaLeuAlaGlnThrAlaCyAsArgIle	141
Db	577	GTTCTCTGCTGTTTTCGAACTTCAAGAAAGCTTCCTGTAGACAGCCTGTAGGCAAT	636
QY	141	tGlyYrSerSerIysProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAs	161
Db	637	GGGCTACAGCAGCAAAACCACTTTCAGAGCTGTGTGAGATTGGCCAGACACAGACTGTGA	696
QY	161	pValValGlnIleThrGlnLeuSerGlnGluLeuArgMetArgAsnSerSerGlyProCy	181
Db	697	TGTTTGTAAATCAAGAAAAACGACAGAGAGTTGCAATGCGAACTCAAGTGGGCGCTG	756
QY	181	sLeuSerGlySerLeuValSerLeuHisCySerLeuAlaCySerGlySerLeuYrThrPr	201
Db	757	TCTCTAAGCTCCCTGAGTCTCCCTGCACTGTCTTGTCTGTGGAAAGACCTGAAACCC	816
QY	201	oArgValValGlyGlyGlnGluAlaSerValAspSerTrpProTrpGlnValSerIleG	221
Db	817	CGGTGTGGTGGGTGGGAGAGCGCTCTGTGTGATCTTGTGGCCTTGGCAGGTCAAGATCA	876
QY	221	nTYrAspIysGlnHisValCySerGlyIYSerIleLeuAspProHisTrpValLeuThrAl	241
Db	877	GTACACAAACGACAGCTGTGTGAGGAGGACATCTGTGACCCCACTGGGTCTTCAAGCC	936
QY	241	aAlaHisCySPheArgLysHisThrAspValPheAsnTrpIysValArgAlaGlySerAs	261
Db	937	AGCCCACTGCTTCAGAGAAACATACCGAATGTCTTAATCGAAGGTGCGGGAGGCTCAGA	996
QY	261	pIysLeuGlySerPheProSerLeuAlaValAlaIysIleIleIleIleGlnPheAsnPr	281
Db	997	CAAACTGGGACAGCTTCCCATCCCTGGCTGTGGCCAAAGATCATCATCATTAATTAACCC	1051
QY	281	oMetYrProIysAspAsnAspIleAlaLeuMetIysLeuGlnInPheProLeuThrPheSe	301
Db	1057	CATGTACCCCAAAAGCAATGATGACCTCATGAAAGCTGCACTTCCCATCTTCTTC	1111
QY	301	rGlyThrValArgProIleCyLeuProPhePheAspGlnGluLeuThrProAlaThrPr	321
Db	1117	AGGCACAGTCAGGCCCATCTGTCTGCCCTTCTTATAGAGAGCTCATCCAGCCACCCC	1177
QY	321	oLeuTrpIleIleGlyTYrPglyPheThrIysGlnAsnGlyGlyIysMetSerAspIleIle	341
Db	1177	ACTCTGATCATTTGATGGGCTTTTACAAAGACAGATGAGGAAAGATCTTCAGCAATCT	1231
QY	341	uLeuGlnAlaSerValGlnValIleAspSerThrIYrCyAsAsnAlaAspAspAlaTYrG	361
Db	1237	GCTGAGGGGTACAGTCCAGTCAATGACAGCACAGGTGCATATGACAGAGATGCTTACCA	1291

QY 361 nglygluValThrGluYuswMetCysAlaGlyIleProGluGlyValAspThrCY 381
|
|
|
Db 1297 GGGGGAAGTCAACGAAAGATGATGTGTGACGATCCGGAAAGGGGTGTGACACTG 1356
|
|
|
QY 381 sgInglyAspSerGlyGlyProLeuMetYrgInSerAspGlnTrpHisValValGlyI1 401
|
|
|
Db 1357 CCAAGGTGACAGTGTGGGCCCCGTGATGTACCAATCTGACACAGTGGCATGTGGGCGAT 1416
|
|
|
QY 401 eValSerTrpGlyTrpGlyCysGlyGlyProSerThrProGlyValTrpThrIysValSe 421
|
|
|
Db 1417 CGTTAGCTGGGCTATGCTGCGGGGGCCCGAGCAACCCAGAGATATACCAAGGTCTC 1476
|
|
|
QY 421 rAlaTyLeuAsnTrpIleTyraenValTrpLysAlaGluLeu 435
|
|
|
Db 1477 AGCTTATCTCACTGATCTACATGTCTGGAAGCTGAGCTG 1519
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|
|
RESULT 59
US-10-326-924-41
; Sequence 41, Application US/10326924
; GENERAL INFORMATION:
; APPLICANT: McLACHLAN, KAREN
; APPLICANT: REF, MITCHELL
; APPLICANT: DANIELS, MARK
; TITLE OF INVENTION: GENES OVEREXPRESSED BY OVARIAN CANCER AND THEIR USE IN
; TITLE OF INVENTION: DEVELOPING NOVEL THERAPEUTICS, ESPECIALLY ANTIBODIES
; FILE REFERENCE: 037003/0301015
; CURRENT APPLICATION NUMBER: US/10/326, 924
; CURRENT FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: 60/341, 860
; PRIOR FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 60/386, 748
; PRIOR FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: 60/396, 141
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: 60/405, 319
; PRIOR FILING DATE: 2002-08-23
; PRIOR APPLICATION NUMBER: 60/428, 274
; PRIOR FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: Patent version 3.2
; SEQ ID NO 41
; LENGTH: 2079
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-326-924-41

Alignment Scores:
Pred. No.: 0 Length: 2079
Score: 2324.00 Matches: 434
Percent Similarity: 99.77% Conservative: 0
Best Local Similarity: 99.77% Mismatches: 0
Query Match: 99.23% Indels: 1
DB: 49 Gaps: 0

US-10-803-530-2 (1-435) x US-10-326-924-41 (1-2079)
QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
|
|
|
Db 217 GATCTTACAGTATCAACCTCTGAAACGCTTCATGTCAAACCCCTGCGAAACCCCGT 276
|
|
|
QY 22 IleProMetGluThrPheArgLys-ValGlyIleProIleIleIleAlaLeuSerIe 41
|
|
|
Db 277 ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCATAGCATCTAGAGCT 336
|
|
|
QY 41 uAlaSerIleIleIleValValLleuIleLysValIleLeuAspLysTrpTrpPhe 61
|
|
|
Db 337 GGCAGATCATCATTTGTTGTTCTCATCATCAAGTGTATCTGATTAATCTACTTCT 396
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|
QY 61 uCysGlyGlnProLeuHisPheIleProArgLysGlnLeuGlyAspGlyGluAspGly 81
|
|
|
Db 397 CTGGGGGAGGCTTCTCCACTTCATCCGAGGAGCAGCTGTGTACCGAGAGGCTGGAGCTG 456
|
|
|
QY 81 sProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAl 101

Db 457 TCCTTGGGGAGAGACGAGGACATGTGTCAAGAGCTTCCCGAAAGGGCTCAGAGGC 516
|
|
|
QY 101 aValArgLeuSerLysAspArgSerThrLeuGlnValLleuAspSerAlaThrGlyAsnTr 121
|
|
|
Db 517 AGTCCGCTCTCCAGAGACCGATTCACATGCAAGGTGTGAGTCTGGCCACAGGAACTG 576
|
|
|
QY 121 pPheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMe 141
|
|
|
Db 577 GTTCTGCTGCTGTTTGACAACTTCACAGAGCTTCCTGAGACAGCTGTAGGCGAT 636
|
|
|
QY 141 lGlyTrpSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAs 161
|
|
|
Db 637 GGGCTACAGACGAAACCCACTTTCAGAGCTGTGAGATTGGCCGACAGCATCTGGA 696
|
|
|
QY 161 pValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAspSerGlyProCy 181
|
|
|
Db 697 TGTGTGGAATACAGAAACAGCCAGAGGCTTCGATGCGGAATCAAGTGGGCTG 756
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|
|
QY 181 sLeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPr 201
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|
|
Db 757 TCTCTCAGGCTCCCTGGTCTCCCTGCACTGTCTTGCTGTGGGAAGCTGAAAGCCCC 816
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|
|
QY 201 oArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleG1 221
|
|
|
Db 817 CCGTGTGTGGTGGGAGAGGAGGCTGTGTGATCTTGCGCTTGGCGAGGTCAGCATCCA 876
|
|
|
QY 221 nTyraenValGlnHisValCysGlyLysSerIleLeuAspProHisTrpValLeuThrAl 241
|
|
|
Db 877 GTACGAAACACACACCTGTGTGAGAGGACATCTGAGCCCACTGGGTCTCACGGC 936
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|
|
QY 241 aAlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAs 261
|
|
|
Db 937 AGCCCACTGCTTACGAAACATACCATGTGTTCACTGGAAGTGGGCGAGGCTCAGA 996
|
|
|
QY 261 pLysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPr 281
|
|
|
Db 997 CAAACTGGCAGCTTCCCATCTGCGCTGGCCCAAGATCATCATTAATTCAAACCC 1056
|
|
|
QY 281 oMetTyraenValAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSe 301
|
|
|
Db 1057 CATGTACCCCAAGAACATATACATCGCCCTCATGAGCTCAGTCCCATCTACTTCTC 1116
|
|
|
QY 301 rGlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPr 321
|
|
|
Db 1117 AGGCACAGTACGGCCATCTGTCTGCCCTCTTTGATGAGAGGTCACTCCAGCACCCC 1176
|
|
|
QY 321 oLeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleIle 341
|
|
|
Db 1177 ACTCTGATCATTTGATGGGGCTTTACGAGCAGAAATGAGGGAAGATGTCTGCATACT 1236
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|
|
QY 341 uLeuGlnAlaSerValGlnValIleAspSerTrpArgCysAsnAlaAspAspAlaTyrg1 361
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|
|
Db 1237 GCTGCAGGCGTCAAGTCCAGGTTCATTCAGACACACGGTGTCAATGCAACATGTGTACCA 1296
|
|
|
QY 361 nglygluValThrGluYuswMetCysAlaGlyIleProGluGlyValAspThrCY 381
|
|
|
Db 1297 GGGGGAAGTCAACGAAAGATGATGTGTGACGATCCGGAAAGGGGTGTGACACTG 1356
|
|
|
QY 381 sgInglyAspSerGlyGlyProLeuMetYrgInSerAspGlnTrpHisValValGlyI1 401
|
|
|
Db 1357 CCAAGGTGACAGTGTGGGCCCCGTGATGTACCAATCTGACACAGTGGCATGTGGGCGAT 1416
|
|
|
QY 401 eValSerTrpGlyTrpGlyCysGlyGlyProSerThrProGlyValTrpThrIysValSe 421
|
|
|
Db 1417 CGTTAGCTGGGCTATGCTGCGGGGGCCCGAGCAACCCAGAGATATACCAAGGTCTC 1476
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|
|
QY 421 rAlaTyLeuAsnTrpIleTyraenValTrpLysAlaGluLeu 435
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|
|
Db 1477 AGCTTATCTCACTGATCTACATGTCTGGAAGCTGAGCTG 1519
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RESULT 60
US-10-548-460-7

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; Sequence 7, Application US/10548460
; GENERAL INFORMATION:
; APPLICANT: Garvan Institute of Medical Research
; TITLE OF INVENTION: METHODS OF DIAGNOSIS AND PROGNOSIS OF PANCREATIC CANCER
; FILE REFERENCE: 502060/MRO
; CURRENT APPLICATION NUMBER: US/10/548,460
; CURRENT FILING DATE: 2005-08-18
; PRIOR APPLICATION NUMBER: AU 2003900747
; PRIOR FILING DATE: 2003-02-18
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 2079
; TYPE: DNA
; ORGANISM: type II membrane serine protease (TMPRSS4)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (251)..(1519)
; OTHER INFORMATION:
US-10-548-460-7

Alignment Scores:
Pred. No.: 0 Length: 2079
Score: 2324.00 Matches: 434
Percent Similarity: 99.77% Conservative: 0
Best Local Similarity: 99.77% Mismatches: 0
Query Match: 99.23% Indels: 1
DB: 52 Gaps: 0

US-10-803-530-2 (1-435) x US-10-548-460-7 (1-2079)
QY 2 AappProaspSerAspGlnProLeuAsnSerLeuAspValIysProLeuArgIysProArg 21
DB 217 GATCCTGACAGATCAACCTCTGAAACAGCTCGAGTCAAAACCCCTGGCAACCCCT 276
QY 22 IlePromeGluThrPheArgLys-ValGlyIlePheIleIleIleAlaLeuLeuSerle 41
DB 277 ATCCCATGAGACCTTCAGAAAGTGTGGAGATCCCATCATCATACACTACTAGACCT 336
QY 41 uAlaSerIleIleIleValIleValIleuIleuValIleuAspLysTyrPheLe 61
DB 337 GCGGAGTATCATCTGTGTGTCTCTCATCAAGGATTCGATTAATACTACTTCTCT 396
QY 61 uCysGlyGlnProLeuHisPheIleProArgLysGlnLeuCyAspGlyGluLeuAspCy 81
DB 397 CTGCGGGGAGCCTCTCCACTTCATCCGAGAAAGCCTGTGAGAGAGAGAGCTGAC 456
QY 81 sProLeuGluIysAspGluGluHisCysValIysSerPheProGluIysProAlaValAl 101
DB 457 TCCCTTGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 516
QY 101 aValArgLeuSerLysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTr 121
DB 517 AGTCCGCTCTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 576
QY 121 pPheSerAlaCyAspPheAspAsnPheThrGluAlaAlaGluThrAlaCysArgGlnme 141
DB 577 GTTCTGCTGCTGTTGACAACTTCACAGAAAGCTCTCGCTGAGACAGCCTGTGAGCA 636
QY 141 tGlyTyrSerSerLysProThrPheArgIleValGluIleGlyProAspGlnAspLeuAs 161
DB 637 GGGCTACACAGAGAAACCCACTTCAGAGCTGTGAGATTTGGCCAGACCAAGATTCGAG 696
QY 161 pValValGluIleThrGluAsnSerGlnIleuAspGlyMetArgAsnSerSerGlyProCy 181
DB 697 TGTGTTGAATATACAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 756
QY 181 sLeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuIysThrPr 201
DB 757 TCTCTCAGAGGCTCCTGCTCTCCCTGCACTGTCTGTGAGAGAGAGAGAGAGAGAGAG 816
QY 201 oArgValIleAlaGluIysGluIleuAspValIleAspSerTyrProGlnValSerIleG 221

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DB 817 CCGTGTGCTGGGTGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 876
QY 221 nTyAspLysGlnHisValCysGlyIysSerIleuAspProHisTyrValIleuThrAl 241
DB 877 GTACGACAAACAGACGCTCTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 936
QY 241 aAlaHisCysPheArgLysHisIsthrAspValIleuAsnTyrLysValIArgAlaGlySerHis 261
DB 937 AGCCACGCTCTTCAGAAACATACCGAGTGTTCACATGAGAGAGAGAGAGAGAGAGAGAG 996
QY 261 pLysLeuGlySerPheProSerLeuAlaValAlaIleIleIleIleGluPheAspPr 281
DB 997 CAACCTGGGAGAGCTTCCATCCCTGGCTGTGGCCAAAGATCATCATTAATTAATTAACCC 1056
QY 281 oMetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSe 301
DB 1057 CATGTACCCCAAGACAAATGACATGCCCCCTTAATGAGCTGAGTTCCACTCATCTTCTC 1116
QY 301 tGlyThrValArgProIleCyAspProPheAspGluGluLeuThrProAlaIsthrPr 321
DB 1117 AGGCACTGACAGGCCCATCTGTCTGCTCTTCTTATGAGAGAGCTCACTCCAGCACCCC 1176
QY 321 oLeuTyrIleIleIleGlyTyrPheThrLysGlnAsnGlyGlyLysMetSerAspIleIle 341
DB 1177 ACTCTGATCATCTGTGATGGGGCTTTACAGAGAGAGATGAGAGAGAGATGTCTGACACT 1236
QY 341 uLeuGlnIleAspSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrG 361
DB 1237 GCTGAGAGGCTGACAGTCCAGGTATTAAGACACAGCGTGCANTGCAGACAGTGCCTACA 1296
QY 361 nGlyIleuValIThrGluLysMetCysAlaGlyIleProGluIysGlyValAspThrCy 381
DB 1297 GGGGAGAGTCAACCGAAGAGATGATGTGAGAGAGATCCCGAAGGGGGGTGAGACACCTG 1356
QY 381 sGlnIleAspSerGlyIysProLeuMetTyrGlnSerAspGlnTyrPheIsthrValIleGly 401
DB 1357 CCAGGATGACAGTGTGGGGCCCTGATGATACCAATCTGACAGTGCAGTGTGTGGGCA 1416
QY 401 eValSerTyrPheIsthrGlyCysGlyIysProSerThrProGlyValIsthrLysValSe 421
DB 1417 CGTTAGCTGGGGCTATGCTGTGGGGGCCCGAGAGAGAGAGAGAGAGAGAGAGAGAG 1476
QY 421 rAlaTyrLeuAsnTyrIleTyrAsnValIsthrLysAlaGluLeu 435
DB 1477 AGCCTATCTCACTGATCTTACATGTCGAGAGAGCTGAGCTG 1519

RESULT 61
US-10-918-711-227
; Sequence 227, Application US/10918711
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele
; TITLE OF INVENTION: POLYMORPHISMS IN NUCLEIC ACID MOLECULES
; TITLE OF INVENTION: ENCODING HUMAN ENZYME PROTEINS, METHODS OF DETECTION AND
; FILE REFERENCE: CL001479
; CURRENT APPLICATION NUMBER: US/10/918,711
; CURRENT FILING DATE: 2004-08-16
; NUMBER OF SEQ ID NOS: 18339
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 227
; LENGTH: 2590
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-918-711-227

Alignment Scores:
Pred. No.: 0 Length: 2590
Score: 2323.00 Matches: 432
Percent Similarity: 99.31% Conservative: 0
Best Local Similarity: 99.31% Mismatches: 3
Query Match: 99.19% Indels: 0
DB: 63 Gaps: 0

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US-10-803-530-2 (1-435) x US-10-918-711-227 (1-2590)

QY 1 MetAspProAspSerAspGlnProLeuAsnSerLeuAspValIysProLeuArgIysPro 20
 DB 226 ATGATATCTTCAAGATGATCAACCTTGAAACAGGCTCATGTGCAAAACCCCTGCGCAAAACCC 285
 QY 21 ArgIleProMetGluThrPheArgIysValIleProIleIleIleIleLeuLeuSer 40
 DB 286 CGATATCCCATGAGACCTTCAGAAAGGTGGAGATCCCATCAATCAATGACATCACTGAGAC 345
 QY 41 LeuAlaSerIleIleIleValIleValIleValIleValIleLeuAspIlyrTyPhe 60
 DB 346 CTGGCAGATATCATCTTGTGTGTCTCATCAAGTATTCATGATTAATATCACTTC 405
 QY 61 LeuCySGlyGlnProLeuHisPheIleProArgIysGlnLeuCyAspGlyGlnLeuAsp 80
 DB 406 CTCTGGGGGAGGCTCTCCACTTCATCCGAGGAGACAGCTGTGTGACGAGAGCTGAGAC 465
 QY 81 CySProlLeuGlyGlnAspGlnGluHisCySValIysSerPheProGlnIyProAlaVal 100
 DB 466 TGTCCCTTGGGGGAGGAGCAGAGACCTGTGTCAAGCTTCCCGAAGGCTGCAAGT 525
 QY 101 AlaValArgLeuSerIysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsn 120
 DB 526 GCAATCCGCTCTCTCCAGAGACGATCCACACTGCAAGTGTGACTCGGCCACAGGAGAC 585
 QY 121 TrpPheSerAlaCySPheAspAspPheThrGlnAlaLeuAlaGluThrAlaCyAspArg 140
 DB 586 TGTGTCTGTGCTGTTCGACAACTTCAGAAAGCTTCGCTGAGACAGCTGTGAGGAG 645
 QY 141 MetGlyIysSerSerIysProThrPheArgAlaValGlnIleGlyProAspGlnAspLeu 160
 DB 646 ATGGGCTACAGACAAACCACTTCAGAGCTGTGAGATGGGCCACAGAGATCTG 705
 QY 161 AspValIleGlnIleThrGluAsnSerGlnIleLeuArgMetArgAspSerSerGlyPro 180
 DB 706 GATGTGTGTAATCAACAGAAACAGCCAGAGCTTCGATGACAGACTCAAGTGGGCC 765
 QY 181 CySLeuSerGlySerLeuValSerLeuHisCySLeuAlaCySGlyIysSerLeuIysThr 200
 DB 766 TGTCTCTCAAGGCTCCCTGTGCTCTCCGACATGTGTCTGTGGGAGAGGCTGAAAGCC 825
 QY 201 ProArgValIleGlyGlnGluValSerValAspSerTrpProTrpGlnValSerIle 220
 DB 826 CCCGT 885
 QY 221 GlnTyAspIysGlnHisValCySGlyGlySerIleLeuAspProHisTrpValLeuThr 240
 DB 886 CAGTACGACAAACAGCAGCTGTGTGAGAGGAGCATCTTGACCCCTGAGTCTTCAAG 945
 QY 241 AlaAlaHisCySPheArgIysHisThrAspValPheAsnTrpIysValArgAlaGlySer 260
 DB 946 GCAAGCCCACTCTTCAGAAACATACGATGTGTTCACCTGGAAGGTGGCGGAGGCTCA 1005
 QY 261 AspIysLeuGlySerPheProSerLeuAlaValAlaIysIleIleIleIleGlnPheAsn 280
 DB 1006 GACAAACCTGGGCACTTCCATCTTGGCTGTGGCCAGATCATCATATGATTAATCAAC 1065
 QY 281 ProMetIysTrpIysAspAspAspIleAlaLeuMetIysLeuGlnPheProLeuThrPhe 300
 DB 1066 CCCATGTACCCCAAGACATGACATGACCTCATGAAGCTGAGGTTCCCATCATCTTTC 1125
 QY 301 SerGlyThrValArgProIleCySLeuProPhePheAspGlnIleLeuThrProAlaThr 320
 DB 1126 TCAGGACAGATCAGGCCCCATCTGTCTCCCTCTTGTATGAGAGGCTCATCTCAGGACCC 1185
 QY 321 ProLeuTrpIleIleGlyTrpGlyPheThrIysGlnAsnGlyIlyIysMetSerAspIle 340
 DB 1186 CCACTCTGATCATTTGATGGGGCTTTACAGAGAGATGAGAGGAGATGTCTGACATA 1245
 QY 341 LeuLeuGlnAlaSerValGlnValIleAspSerThrArgCySAsnAlaAspAspAlaTy 360
 DB 1246 CTGTGAGGAGGCTCATGTCAGGATTCATTCAGACAGCAGGATGCAATGACAGATGTGGTAC 1305

QY 361 GlnGlyGluValIleThrGlyMetMetCySAlaGlyIleProGlnGlnIyGlyValAspThr 380
 DB 1306 CAGGGGAGAGTCAACCGAAGATATGTGTGAGGCAATCCCGAAGGGGTGTGAGACCC 1365
 QY 381 CySGlnIysAspSerGlyGlyProLeuMetTyGlnSerAspGlnTrpHisValIleGly 400
 DB 1366 TGCCAGGGGTGACATGTGTGGGCCCCCTGATGTACCAATCTACACAGTGGCATGTGGGCC 1425
 QY 401 IleValSerTrpGlyTrpGlyCySGlyGlyProSerThrProGlyValIyThrIysVal 420
 DB 1426 ATCGTATGTGGGCTATGTGTGTGGGGGCCCAAGACACCCAGAGATATCACCAAGTTC 1485
 QY 421 SerAlaTyLeuAsnTrpIleTyAsnValTrpIysValIleGlnLeu 435
 DB 1486 TCAGCTATCTCAACTGATCTAATATGTGTGAGAGGCTGAGCTG 1530

RESULT 62
 US-10-918-754-1064
 ; Sequence 1064, Application US/10918754
 ; GENERAL INFORMATION:
 ; APPLICANT: CARGILL, Michele
 ; TITLE OF INVENTION: POLYMORPHISMS IN NUCLEIC ACID MOLECULES
 ; TITLE OF INVENTION: ENCODING HUMAN PROTEASE PROTEINS, METHODS OF DETECTION AND
 ; FILE OF INVENTION: US/10918754
 ; FILE REFERENCE: C1001480
 ; CURRENT APPLICATION NUMBER: US/10/918, 754
 ; NUMBER OF SEQ ID NOS: 91238
 ; SOFTWARE: FASTSEQ for Windows Version 4.0
 ; SEQ ID NO 1064
 ; LENGTH: 2590
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-918-754-1064

Alignment Scores:
 Pred. No.: 0 Length: 2590
 Score: 2223.00 Matches: 432
 Percent Similarity: 99.31% Conservative: 0
 Best Local Similarity: 99.31% Mismatches: 3
 Query Match: 99.19% Indels: 0
 DB: 63 Gaps: 0

US-10-803-530-2 (1-435) x US-10-918-754-1064 (1-2590)

QY 1 MetAspProAspSerAspGlnProLeuAsnSerLeuAspValIysProLeuArgIysPro 20
 DB 226 ATGATATCTTCAAGATGATCAACCTTGAAACAGGCTCATGTGCAAAACCCCTGCGCAAAACCC 285
 QY 21 ArgIleProMetGluThrPheArgIysValIleProIleIleIleIleLeuLeuSer 40
 DB 286 CGATATCCCATGAGACCTTCAGAAAGGTGGAGATCCCATCAATCAATGACATCACTGAGAC 345
 QY 41 LeuAlaSerIleIleIleValIleValIleValIleValIleLeuAspIlyrTyPhe 60
 DB 346 CTGGCAGATATCATCTTGTGTGTCTCATCAAGTATTCATGATTAATATCACTTC 405
 QY 61 LeuCySGlyGlnProLeuHisPheIleProArgIysGlnLeuCyAspGlyGlnLeuAsp 80
 DB 406 CTCTGGGGGAGGCTCTCCACTTCATCCGAGGAGACAGCTGTGTGACGAGAGCTGAGAC 465
 QY 81 CySProlLeuGlyGlnAspGlnGluHisCySValIysSerPheProGlnIyProAlaVal 100
 DB 466 TGTCCCTTGGGGGAGGAGCAGAGACCTGTGTCAAGCTTCCCGAAGGCTGCAAGT 525
 QY 101 AlaValArgLeuSerIysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsn 120
 DB 526 GCAATCCGCTCTCTCCAGAGACGATCCACACTGCAAGTGTGACTCGGCCACAGGAGAC 585
 QY 121 TrpPheSerAlaCySPheAspAspPheThrGlnAlaLeuAlaGluThrAlaCyAspArg 140
 DB 586 TGTGTCTGTGCTGTTCGACAACTTCAGAAAGCTTCGCTGAGACAGCTGTGAGGAG 645


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QY      141 MetGlyTyrSerSerlyProThrPheArgAlaValGluIleGlyProAspGluAspLeu 160
DB      646 ATGGCTTACAGACAGAAACCACTTCAGAGCTGTGGAGATTGGCCAGACCAAGATCTG 705
QY      161 AspValValGluIleThrGluAsnSerGlnLeuArgMetArgAsnSerSerGlyPro 180
DB      706 GATGTTGTAATACAGAAACCAAGAGCTTCACATCCRAAATCAAGTGGGCC 765
QY      181 CysLeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuYThr 200
DB      766 TGTCTCAGAGCTCCCTGGTCTCCCTGCACCTGTCTTGCGTGGAGAGCTGAAGACC 825
QY      201 ProArgValValGlyGlyGluGluAlaSerValAspSerTrpProTyrGlnValSerIle 220
DB      826 CCCCTGTGTGGGTGGKAGAGAGGCTCTGTGAGATCTTGGCCTTGGCAGGTGACATC 885
QY      221 GlnTyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThr 240
DB      886 CAGTACGACAAACAGACAGCTGTGTGAGGAGACATCTTGACCCCACTGGGTCTTCAG 945
QY      241 AlaAlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySer 260
DB      946 GCAAGCCACTGCTTCAGAGAAACATACCAATGTTCAACTGGAAGGTGGCGAGGCTCA 1005
QY      261 AspLysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsn 280
DB      1006 GACAAACTGGGAGCTTCCATCCCTGGCTGTGGCCAAATCATCATCTTAATTAATCAAC 1065
QY      281 ProMetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPhe 300
DB      1066 CCCATGTACCCCAAGACATACATACGCTCATAGAACCTCAAGTTCACACTCCTTC 1125
QY      301 SerGlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThr 320
DB      1126 TCGAGCAGATCAGAGCCCATCTGTCTGCCCTCTTTGATGAGAGAGTCACTCAAGCAC 1185
QY      321 ProLeuTrpIleIleGlyTyrGlyPheThrLysGlnAsnGlyLysMetSerAspIle 340
DB      1186 CCACTCTGATCATGTAGATGGGGCTTTACGAAGCAGAAATGAGAGGAGATGTCTGACATA 1245
QY      341 LeuLeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaThr 360
DB      1246 CTGCTGCAGCGCTCAGTCCAGGTTCATTCAGACACCGGTGCAATGCAACAGATGGTAC 1305
QY      361 GlnGlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyLysValAspThr 380
DB      1306 CAGGGGGAAGTCAACCAAGAAATGATGTGTGACAGGATCCCGAAGGGGTGTGACACC 1365
QY      381 CysGlnGlyAspSerGlyLysProLeuMetTyrGlnSerAspGlnTrpHisValValGly 400
DB      1366 TCCAGGGGTGACAGTGTGGGCCCTGATGATCAATCTGACAGAGGATGTGTGGGCC 1425
QY      401 IleValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysVal 420
DB      1426 ATCTGTAGTGGGCTATAGCTGTGGGGGGGCCCGACAGACCCAGAGATATACCAAGATC 1485
QY      421 SerAlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
DB      1486 TCAAGCTATCTCACTGATCTTCAATGATCTGTGAAGGCTGAGCTG 1530

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; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1064
; LENGTH: 2590
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-495-114-1064

Alignment Scores:
Pred. No.: 0 Length: 2590
Score: 2323.00 Matches: 432
Percent Similarity: 99.31% Conservative: 0
Best Local Similarity: 99.31% Mismatches: 3
Query Match: 99.19% Indels: 0
DB: 80 Gaps: 0

US-10-803-530-2 (1-435) x US-60-495-114-1064 (1-2590)
QY      1 MetAspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysPro 20
DB      226 ATGATCTGACAGATGATCAACTCTGAACAGCTCGATGCAAACTCCCTGGCAAAACC 285
QY      21 ArgIleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSer 40
DB      286 CGTATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATATGACTACTGAGC 345
QY      41 LeuAlaSerIleIleIleValValLeuIleLysValIleLeuAspLysTyrPhe 60
DB      346 CTGGGAGATCATATATGTGTGTCTTCATCAAGGTGATTCGATTAATCTACTTC 405
QY      61 LeuCysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyLysLeuAsp 80
DB      406 CTCTCGGGGAGCCCTCCATCTTCAATCCGAGAAAGACGTGTGTGACGAGAGCTGAGC 465
QY      81 CysProLeuGlyLysAspGluGluHisCysValLysSerPheProGluGlyProAlaVal 100
DB      466 TGTCCCTTGGGGGAGAGACGAGAGCATGTGTCAAGAGCTTCCCGAAGGGCTGCAAG 525
QY      101 AlaValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsn 120
DB      526 GAGATCCGCTCTTCAAGAACCGATCCACATCGCAGGTGTGACTTCGCCACAGAGAAC 585
QY      121 TrpPheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGln 140
DB      586 TGTCTCTGCTGCTGTTTTCAGACATTCACAGAGCTCTGCGAGACGCTGTAGGCGAG 645
QY      141 MetGlyTyrSerSerlyProThrPheArgAlaValGluIleGlyProAspGlnAspLeu 160
DB      646 ATGGCTTACAGACAGAAACCACTTCAGAGCTGTGGAGATTGGCCAGACCAAGATCTG 705
QY      161 AspValValGluIleThrGluAsnSerGlnLeuArgMetArgAsnSerSerGlyPro 180
DB      706 GATGTTGTAATACAGAAACCAAGAGCTTCACATCCRAAATCAAGTGGGCC 765
QY      181 CysLeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuYThr 200
DB      766 TGTCTCAGAGCTCCCTGGTCTCCCTGCACCTGTCTTGCGTGGAGAGCTGAAGACC 825
QY      201 ProArgValValGlyGlyGluGluAlaSerValAspSerTrpProTyrGlnValSerIle 220
DB      826 CCCCTGTGTGGGTGGKAGAGAGGCTCTGTGAGATCTTGGCCTTGGCAGGTGACATC 885
QY      221 GlnTyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThr 240
DB      886 CAGTACGACAAACAGACAGCTGTGTGAGGAGACATCTTGACCCCACTGGGTCTTCAG 945
QY      241 AlaAlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySer 260
DB      946 GCAAGCCACTGCTTCAGAGAAACATACCAATGTTCAACTGGAAGGTGGCGAGGCTCA 1005
QY      261 AspLysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsn 280
DB      1006 GACAAACTGGGAGCTTCCATCCCTGGCTGTGGCCAAATCATCATCTTAATTAATCAAC 1065

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QY 281 ProMetTyProLyAspAsnAspIleAlaLeuMetTyLeuGlnPheProLeuThrPhe 300
Db 1066 CCATGATACCCCAAGACATATGATCGCCCTCAAGAGCTCAGTTCCACTCTTC 1125
QY 301 SerGlyThrValArgProIleCySLeuProPhePheAspGluGluLeuThrProAlaThr 320
Db 1126 TCAGGACAGACAGGACCCATCTGTCTGCCCTCTTGTATGAGAGACTCACTCCAGCCACC 1185
QY 321 ProLeuTrpIleIleGlyTrpGlyPheThrLySglnAsnGlyLyMetSerAspIle 340
Db 1186 CCACTCTGATCATTTGATGAGGCTTTTACAGACGAATGAGGAGAGATGTTCTGACATA 1245
QY 341 LeuLeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTy 360
Db 1246 CTGTGACAGGCGTCAGTCCAGGTCATTGACAGACACCGGTGACAGATGCGTAC 1305
QY 361 GlnGlyGluValThrGluLyMetMetCysAlaGlyIleProGluGlyValAspThr 380
Db 1306 CAGGGGAGAGTCACCGAAGATGATGTGACAGGATCCCGAAGGGGTGTGACACC 1365
QY 381 CysGlnGlyAspSerGlyGlyProLeuMetTyGlnSerAspGlnTrpHisValValGly 400
Db 1366 TGCCAGGCTGACAGTGTGGGCTTCATGACATCTGACAGTGCATGTGGTGGGC 1425
QY 401 IleValSerTrpGlyTyArgGlyCysGlyGlyProSerThrProGlyValTyThrLySVal 420
Db 1426 ATCGTTAGTGGGCTATGCTGCGGGGCCGAGACACCCAGAGATATACCAAGATC 1485
QY 421 SerAlaTyLeuAsnTrpIleTyArgAsnValTrpLySAlaGluLeu 435
Db 1486 TCAGCTATCTCACTGATCATCAATGTCTGGAAGGCTGAGCTG 1530

RESULT 64

US-60-495-135-227
; Sequence 227, Application us/60495135
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele
; TITLE OF INVENTION: POLYMORPHISMS IN NUCLEIC ACID MOLECULES
; TITLE OF INVENTION: ENCODING HUMAN ENZYME PROTEINS, METHODS OF DETECTION AND
; FILE REFERENCE: CLO001479
; CURRENT APPLICATION NUMBER: US/60/495,135
; NUMBER OF SEQ ID NOS: 2003-08-15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 227
; LENGTH: 2590
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-495-135-227

Alignment Scores:

Pred. No.: 0 Length: 2590
Score: 2323.00 Matches: 432
Percent Similarity: 99.31% Conservativeness: 0
Best Local Similarity: 99.31% Mismatches: 3
Query Match: 99.19% Indels: 0
Gaps: 0
DB: 80

US-10-803-530-2 (1-435) x US-60-495-135-227 (1-2590)

QY 1 MetAspProAspSerAspGlnProLeuAsnSerLeuAspValLySProLeuArgLySPro 20
Db 226 ATGATCTCTGACAGTGAATCAACTCTGAACAGCTTCGATGTCACAAACCCCTGCCGAAACCC 285
QY 21 ArgIleProMetGluThrPheArgLySValGlyIleProIleIleIleAlaLeuLeuSer 40
Db 286 CGATATCCCAATGAGACCTTCAGAAAGTGGGATCCCATCATCATAGCACTTACAGC 345
QY 41 LeuAlaSerIleIleIleValValValLeuIleLySValIleLeuAspLySValTyThrPhe 60
Db 346 CTGGCGAGTATCATCATTTGTGTGTCTCATCAAGTGAATCTTGATTAATCTACTTTC 405

QY 61 LeuCysGlyGlnProLeuHisPheIleProArgLySglnLeuCyAspAspGluGluLeuAsp 80
Db 406 CTCTGCGGGACGCTTCTTCCACTTATCCAGAGAGAGCTGTGTGACGAGAGACTGAC 465
QY 81 CysProLeuGlyGluAspGluGluHisCysValLySLeuPheProGluGlyProAlaVal 100
Db 466 TGTCTCTTGGGGGAGACAGAGAGCACTGTGTCAAGAGCTTCCCGAAGGGCTGTGAGTG 525
QY 101 AlaValArgLeuSerLySAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsn 120
Db 526 GCACTCCGCTTCCCAAGAGACCAATCCACACTGACAGGTGTGTGACTCCGCGCACAGGGAC 585
QY 121 TrpPheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGluThrAlaCysArgGln 140
Db 586 TGTGTTCTCTGCTTCTTCCCACTTACAGAACTTCCCTGAGACAGCTGTAGGAG 645
QY 141 MetGlyTySerSerLySProThrPheArgAlaValGluIleGlyProAspGlnAspLeu 160
Db 646 ATGGGCTACAGACAGAAACCACTTTCAGAGCTGTGGAGATTGGCCACAGAGATCTG 705
QY 161 AspValValGluIleThrGluAsnSerGlnLeuAspMetArgAsnSerSerGlyPro 180
Db 706 GATGTGTGAATCAACAGAAACAGCAGAGACTTCGACATGCGAATCGAGTGGGCC 765
QY 181 CysLeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLySLeuLySThr 200
Db 766 TGTCTCTCAAGCTCTCCGCTCTCCCTGCACTGTCTTCCCTGTGGAGAGACTGAAAGAC 825
QY 201 ProArgValValGlyGlyGluValAspSerTrpProTrpGlnValSerIle 220
Db 826 CCCGATGTGGGTGTGGAGAGAGGCTCTGTGATCTTGGCTTGGCAGGTGACAGATC 885
QY 221 GlnTyAspLySglnHisValCysGlySerIleLeuAspProHisTrpValLeuThr 240
Db 886 CAGTACACAAAGACAGCTGTGTGAGGAGATCTGTGACCCCACTGAGCTTCACG 945
QY 241 AlaAlaHisCysPheArgLySHisThrAspValPheAsnTrpLySValArgAlaGlySer 260
Db 946 GCAGCCACAGCTTCAAGAAACATACGATGTCTTCACTGGAAGGTGGCGGAGGCTCA 1005
QY 261 AspLySLeuGlySerPheProSerLeuAlaValAlaLySLeuIleIleIleGluPheAsn 280
Db 1006 GACAAACTGGGCACTTCCATCCCTGCTGTGGCCCAAGATCATCATTTGAATCAAC 1065
QY 281 ProMetTyProLyAspAsnAspIleAlaLeuMetTyLeuGlnPheProLeuThrPhe 300
Db 1066 CCATGATACCCCAAGACATGATGCGCTCATAGAGCTGAGTCCCACTCACTTTC 1125
QY 301 SerGlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThr 320
Db 1126 TCAGGACAGTCAAGGCGCATCTGTCTGCCCTTCTTGAATGAGAGCTCATCCAGCCACC 1185
QY 321 ProLeuTrpIleIleGlyTrpGlyPheThrLySglnAsnGlyLyMetSerAspIle 340
Db 1186 CCACTCTGATCATTTGATGAGGCTTTTACAGACGAATGAGGAGAGATGTTCTGACATA 1245
QY 341 LeuLeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTy 360
Db 1246 CTGTGACAGGCTCATCTCAAGTCAATGACAGACCGGTGACAAATGACAGATGCGTAC 1305
QY 361 GlnGlyGluValThrGluLyMetMetCysAlaGlyIleProGluGlyValAspThr 380
Db 1306 CAGGGGAGAGTCACCGAAGATGATGTGACAGGATCCCGAAGGGGTGTGACACC 1365
QY 381 CysGlnGlyAspSerGlyGlyProLeuMetTyGlnSerAspGlnTrpHisValValGly 400
Db 1366 TGCCAGGCTGACAGTGTGGGCTTCATGATGTACATCTGACAGTGCATGTGGTGGGC 1425
QY 401 IleValSerTrpGlyTyArgGlyCysGlyGlyProSerThrProGlyValTyThrLySVal 420
Db 1426 ATCGTTAGTGGGCTATGCTGCGGGGCCGAGACACCCAGAGATATACCAAGATC 1485
QY 421 SerAlaTyLeuAsnTrpIleTyArgAsnValTrpLySAlaGluLeu 435

Db 1486 TCAGCCTATCTCAACGTGATCTACAAATCTCGAAGGCTGAGCTG 1530

RESULT 65

US-09-776-191-3
Sequence 3, Application US/09776191
GENERAL INFORMATION:
APPLICANT: Edwin L. Madison
APPLICANT: Edgar O. Ong
APPLICANT: Jium-Chern Yeh
APPLICANT: Corvas International, Inc.
TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING
TITLE OF INVENTION: TRANSMEMBRANE SERINE PROTEASES, THE ENCODED PROTEINS AND
TITLE OF INVENTION: METHODS BASED THEREON
FILE REFERENCE: 24/45-1607
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: 60/213,124
PRIOR FILING DATE: 2000-06-22
PRIOR APPLICATION NUMBER: 60/234,840
PRIOR FILING DATE: 2000-06-22
PRIOR APPLICATION NUMBER: 60/179,982
PRIOR FILING DATE: 2000-02-03
PRIOR APPLICATION NUMBER: 60/183,542
PRIOR FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: 09/657,968
PRIOR FILING DATE: 2000-02-08
NUMBER OF SEQ ID NOS: 72
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 3
LENGTH: 2137
TYPE: DNA
ORGANISM: Homo Sapien
FEATURE:
NAME/KEY: CDS
LOCATION: (261)...(1574)
OTHER INFORMATION: DNA sequence encoding a transmembrane serine
OTHER INFORMATION: protease (MSP3) protein
US-09-776-191-3

Alignment Scores:

Pred. No.:	0	Length:	2137
Score:	2319.00	Matches:	432
Percent Similarity:	99.54%	Conservative:	0
Best Local Similarity:	99.54%	Mismatches:	2
Query Match:	99.02%	Indels:	0
DB:	32	Gaps:	0

US-10-803-530-2 (1-435) x US-09-776-191-3 (1-2137)

QY 2 AASPProASPSeRASPGLnProLeuAnSeRLeuASPValLySPProLeuArgLySPProArg 21
DB 270 GATCTGACAGTGAACCTCTGAAAGCTCGATGTCMAACCCCTGGCAAAACCCCGT 329
QY 22 TLePMeTGLThPhEAArgLySVAlGlyTLeProllelleAlaLeuLeuSerleu 41
DB 330 ATCCCAATGAGACCTTCAGAAAGGTGGGATCCCATCATCATGACACTACTGAGCCGTG 389
QY 42 AAlaSerllelleValValValleuLeuValleuValleuValleuValleuValleuValleu 61
DB 390 GCGAGTATCATATGTGTGTGTCTCATCAAGGATGATTCGTGAATTAATCTAATCTTCTTC 449
QY 62 CySGLyGlnProLeuNHASpHeilleProArgLySGlnLeuCyASPGLyGluLeuASPQys 81
DB 450 TCGGGGAGAGCTCTCCACTTCATCCGAGGAAGACAGCTGTGACGAGAGCTGAGCTGT 509
QY 82 ProluGlyGluASPGLnGluNHISySVAlLySPSeRPhSPProGluGlyProlAlaValAla 101
DB 510 CCGTGGGGAGAGACCAAGAGACCTGTGTCAAGAGCTTCGCCAGAGGAGCTGAGAGGCA 569
QY 102 ValArgLeuSerLySPASpArgSerThRLeuGlnValLeuASPSeRAlaThRgLyAnTP 121
DB 570 GTCCGCTCTCCAGAGACCGATCCACACTGCAAGGTCTGTGACTCGGCGCACAGGAACTGG 629

QY 122 PheSerAlaCySPheASPasnPheThRglnAlaLeuNHAGluThRAlaCySArgGlnMet 141
DB 630 TTCTCTGCTCTTTCGACCACTTCACAGAGCTCTCCGTGAGACAGCTGTGAGCAAGT 689
QY 142 GlyTyrSerSerLySPProThRPhEAArgAlaValGluTLeGlyPProASPGLnASPLeuASP 161
DB 690 GGTACAGACAGCAACCACTTCAGAGCTGTGTGAGATTTGGCCCAACAGACTGTGAT 749
QY 162 ValValGluTLeThRglnuAnSeRGLnLeuArgPheAlaArgAnSeRGLyProCyS 181
DB 750 GTTGTGAAATCAGAAACAGCAGAGCTTCGACAGGAACTCAAGTGGGCTGT 809
QY 182 LeuSerGlySerLeuValSerLeuNHISySVAlLySPSeRAlaCySGLyLySPSeRLeuThRPro 201
DB 810 CTCTCAGGCTCTCGTGTCTCTTCATCTGTCTTCTGTGGAAGAGCTTAAGACCC 869
QY 202 ArgValValGlyGlyGluGlnAlaSerValASPSeRTPProTTPGlnValSerTLeGln 221
DB 870 GGTGTGGTGGGTGGGAGAGGCTCTGTGTGATTTGTGGCTTGGCAGGTGACATTCAG 929
QY 222 TyrASPlySGlnNHASpValCySGLyGlySerTLeuLeuASPProHISTTPValLeuThRAla 241
DB 930 TACGACATACAGCAGCTCTGTGAGGAGCATCTGACCCCTGGGCTCTCAAGGCA 989
QY 242 AlaHISySPheArgLySHISyThRASPValPheAnTPRlySVAlArgAlaGlySerASP 261
DB 990 GCCACTGTCTTCAGAAACATACCAATGTGTTCATCTGAAAGTCCGGGAGGCTCAAGC 1049
QY 262 LySPLeuGlySerPheProSeRLeuAlaValAlaLySlellellelleGluPheAnSPPro 281
DB 1050 AAACGTGGCAGCTTCCATCCATCCCTGGCTGTGGCAAGATCATCATCATGAATTCACCCC 1109
QY 282 MetTyrProLySPASPasnAPlleAlaLeuMetLySPLeuGlnPheProLeuThRPheser 301
DB 1110 ATGTACCCCAAGCAATGACATGCTCCTCATGAGCTGACAGTCCCACTTCTCA 1169
QY 302 GlyThRValArgProlleCySPLeuProPhePheASPGLnGluLeuThRProAlaThRPro 321
DB 1170 GGCACAGCAGGCTCATGTGTCTGCTCTTGTATGAGAGCTCATCTCCAGCCACCCCA 1229
QY 322 LeuTPllelleGlyTTPGlyPheThRlySGlnAnGlyLySPMetSerASPilleu 341
DB 1230 CTCTGATCATTTGATGAGGTGGCTTTTACGAAAGCATGAGAGGAGATGTCTGACATACTG 1289
QY 342 LeuGlnAlaSerValGlnValilleASPSeRThRArgCySPasnAlaASPAlaTyrGln 361
DB 1290 CTGCAGGCGTCACTCCAGTTCATTCAGACAGCACACGCTGCAATGACAGAGATCCGTACAG 1349
QY 362 GlyGluValTThRglnuLyMetMetCySPAlaGlyTLeProlGluGlyValASPThRQys 381
DB 1350 GGGGAAGTCCAGCAAGATGATGTGTGACAGCATCCCGAAGGGGGGTGTGACACCTGC 1409
QY 382 GlnGlyASPSeRGLyGlyProLeuMetTyrGlnSeRASPGLnTPHISyValValGlyTLe 401
DB 1410 CAGGCTGACAGTGTGTGGGCCCTTGTATGACATTCGACAGTGTGATGTGGGCAATC 1469
QY 402 ValSerTPGlyTyrGlyCySGLyGlyProSeRThRProGlyValTLeThRlySPValSer 421
DB 1470 GTTACGTGGGCTATAGCTGCGGGGCCGAGCAACCCAGAGTATACCAAGAGTCTCA 1529
QY 422 AlaTyrLeuAnTPRlleTyrASPValTTPRlySPAlaGluLeu 435
DB 1530 GCTATCTCACTGATTCACATGTCTGAAAGGCTGAGCTG 1571

RESULT 66
US-10-156-214A-3
Sequence 3, Application US/10156214A
GENERAL INFORMATION:
APPLICANT: Edwin L. Madison
APPLICANT: Joseph Edward Sempke
APPLICANT: George P. Vlaeuk
APPLICANT: Scott Jeffrey Kemp

APPLICANT: Mallareddy Komandla
APPLICANT: Daniel Vanna Siev
TITLE OF INVENTION: Conjugates Activated By Cell Surface Proteases and Therapeutic Use
FILE REFERENCE: 24745-1611
CURRENT APPLICATION NUMBER: US/10/156,214A
CURRENT FILING DATE: 2002-05-23
NUMBER OF SEQ ID NOS: 611
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 3
LENGTH: 2137
TYPE: DNA
ORGANISM: Homo Sapien
FEATURE:
NAME/KEY: CDS
LOCATION: (261) ... (1574)
OTHER INFORMATION: Nucleic acid encoding a transmembrane serine
OTHER INFORMATION: protease (MTSP3) protein
US-10-156-214A-3

Alignment Scores:

Pred. No.:	0	Length:	2137
Score:	2319.00	Matches:	432
Percent Similarity:	99.54%	Conservative:	0
Best Local Similarity:	99.54%	Mismatches:	2
Query Match:	42	Indels:	0
		Gaps:	0

US-10-803-530-2 (1-435) x US-10-156-214A-3 (1-2137)

QY 2 AppProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
DB GATCCTGACAGATCACTCTGAACAGCTCGATGCAACCCCTGCGAACCCTCT 329
QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
DB ATCCCAAGAGACCTTTCAGAAAGGTGGAGATCCCATCATCATAGCACTAGAGCTGT 389
QY 42 AlaSerIleIleIleValValValLeuIleLysValIleLeuAspLysTyrTyrPheLeu 61
DB GCGAGTATCATCATTTGTGGTGTCTCATCAAGTGATCTCGATTAATCTACTTCTC 449
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
DB TCGCGGCGCCTCTCCATCTCATCCCGAGAGCAGCTGTGACGAGAGCTGACTGT 509
QY 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGluProAlaValAla 101
DB CCTTGGGGGAGAGCAGAGAGCACTGTCTCAAGAGCTTCCCGAAGGAGCTGAGTGGCA 569
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
DB GTCCGCTCTCCCAAGAGCCGATCCACATGAGGTGCTGGAGCTGGCCACAGGGAATGG 629
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysAsnGlnMet 141
DB TTCTCTGCTCTTTCGACAACTTCAAGAACTCTGCTGTAACAGCTTGTAGGCAAGT 689
QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
DB GGTACAGACAGCAAAACCACTTCAGAGCTGTGAGATTGGCCACAGACGAGATCTGGAT 749
QY 162 ValValGluIleThrGluAsnSerGlnLeuArgMetArgAsnSerSerGlyProCys 181
DB GTTGTAAATTCACAGAAAACAGCCAGAGCTTCGATCGGAACTCAAGTGGCCCTGT 809
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
DB CTCACAGGCTCCCTGCTCTCTGCACTGTCTTGGCTGTGGGAAAGAGCCGGAAGACCCC 869
QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
DB CGTGTGTGTGTGGGAGAGAGCCTCTGTGATTCTTGGCTTGGAGGTGAGCATCCAG 929

QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
DB TACACATACAGCAGCTGTGGAGGAGATCTGTGACCCCACTGGGCTCTCACGGCA 989
QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
DB GCCACTGCTTCAGAGAAACATACCGATGTGTCACTGAGAAAGGTGGCGGAGCTCAGAC 1049
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
DB AAACCTGGCAGCTTCCATCTCTGCTGTGGCCACATCATCATTAATCAATCAACCCC 1109
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
DB ATGTACCCCAAAAGACATAGCATCGCCCTCATACACTGACATGCCACTCATTTCTCA 1169
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
DB GGCACAGTCAGGCTCATCTGTCTGCCCTTCTTGATGAGAGAGCTCACTCCAGCCACCCA 1229
QY 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
DB CTCGTGATCATTTGATGCGGCTTTACAGACGACATGAGGAAAGATGCTGACACTACTG 1289
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
DB CTCACAGCTCAGTCCAGTCCAGTTCATTCACACACACGGTGCATGACATCGTACACAG 1349
QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyValAspThrCys 381
DB GGGAGAGTACCGAGAAATGATGTGTGAGGCAATCCCGAAGGGGGTGTGACACCTGCG 1409
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyLe 401
DB CAGGAGTACAGTGTGTGGGCCCTGATGTACATGTACATGACATGTCATGTGTGGGCTAC 1469
QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
DB GTTACGTGGGGCTATGTGCTGGCGGGGCCGAGCCACGAGAGTATACACCAAGGTCTCA 1529
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
DB GCTTATCTCACTGATCTTCAATGTCTGAAAGCTGAGCTG 1571

RESULT 67

US-60-452-680-11834
Sequence 11834, Application US/60452680

GENERAL INFORMATION:

APPLICANT: CARGILL, Michele
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
FILE REFERENCE: CL001450
CURRENT APPLICATION NUMBER: US/60/452,680
CURRENT FILING DATE: 2003-03-07
NUMBER OF SEQ ID NOS: 116213
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 11834
LENGTH: 2112
TYPE: DNA
ORGANISM: Homo sapiens
US-60-452-680-11834

Alignment Scores:

Pred. No.:	0	Length:	2112
Score:	2318.00	Matches:	431
Percent Similarity:	99.31%	Conservative:	0
Best Local Similarity:	99.31%	Mismatches:	3
Query Match:	79	Indels:	0
		Gaps:	0

US-10-803-530-2 (1-435) x US-60-452-680-11834 (1-2112)

QY 2 AspProAspSerArgGlnProLeuAsnSerIleuAspValIysProLeuArgIysProArg 21
 Db GATCCTGACAGTGTATCAACCTCTGAAACAGCTTCAGTCAAAACCCCTGCGAAACCCCGT 325
 QY 22 IleProMetGlnThrPheArgIysValGlyIleProIleIleIleIleAlaLeuSerIleu 41
 Db ATCCCATGAGACCTTCAGAAAGGTGGAGATCCCATCATCATGCACTACCTAGCTTG 385
 QY 42 AlaSerIleIleIleValIleValIleuIleIysValIleLeuAspIleIysIlePheIleu 61
 Db GCGAGTATCATCTGTGTCTGCTCATCAAGGATTTCTGATTAATACTACTCTCTC 445
 QY 62 CysGlyIleProLeuHisPheIleProArgIysGlnLeuCysAspGlyIleLeuAspCys 81
 Db TCGCGGCGCCTCTCCACTTCATCCCGAAGAGCAGCTGTGTGACGAGAGCTGACCTGT 505
 QY 82 ProLeuGlyIleAspGlyIleGlnHisCysValIysSerPheProGlyIleProAlaValAla 101
 Db CCTTGGGGAG 565
 QY 102 ValArgLeuSerIysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
 Db GTCCGCTCTCCAG 625
 QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCysArgGlnMet 141
 Db TTCTGCTGCTGTTTGCAGAACTTCACAGAGCTTCGCTGTGAGACGCTGTAGAGAGAGAG 685
 QY 142 GlyIysSerSerIysProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp 161
 Db GAGTACAGACAGAAACCACTTCAGAGCTGTGAGATTTGGCCAGAGAGAGAGAGAGAGAT 745
 QY 162 ValValGlnIleThrGlnAsnSerGlnIleuAspArgIysAsnSerSerIysProCys 181
 Db GTTGTGAAATCACAGAAACAG 805
 QY 182 LeuSerGlySerLeuValSerIleuHisCysLeuAlaCysGlyIysSerIleuIysThrPro 201
 Db CTCTCAGAGCTCCCTGCTCTCCCTGCACTGTCTGTGGGAGAGAGAGAGAGAGAGAGAGAG 865
 QY 202 ArgValIleGlyIleGlnIleAlaSerValAspSerTrpProThrGlnValSerIleGln 221
 Db CGTGGGGGGGKAG 925
 QY 222 TyrAspIysGlnHisValCysGlyIysSerIleLeuAspProHisTrpValLeuThrAla 241
 Db TACGACAAACAGACAGTCTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 985
 QY 242 AlaHisCysPheArgIysHisThrAspValPheAsnTrpIysValArgAlaGlySerAsp 261
 Db GCCCACTGCTCAGAGAAACATACATCGATGTGTTCACTGGAAAGGTGCGGAGAGAGAGAG 1045
 QY 262 LysLeuGlySerPheProSerIleuAlaValAlaIysIleIleIleIleIleIleIleIle 281
 Db AAAACGGGAGAGCTCCCATCCCTGTGGTGGCCAAAGATCATCATCATTAATTCACACCC 1105
 QY 282 MetTyrProIysAspAsnAspIleAlaLeuMetIysLeuGlnPheProLeuThrPheSer 301
 Db ATGTATCCCAAGACATATGATCATCGCTCATGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1165
 QY 302 GlyThrValArgProIleCysLeuProPheAspGlyIleuLeuThrProAlaThrPro 321
 Db GGCAACGTCAGAGCCCATCTGTCTGCTGCTTGTGATGAGAGAGAGAGAGAGAGAGAGAG 1225
 QY 322 LeuTrpIleIleGlyThrGlyPheThrIysGlnAsnGlyIleIysMetSerAspIleLeu 341
 Db CTCTGATATGATGAG 1285
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 Db CTGCAAGCCTCATGCTCATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1345

QY 362 GlyIleValThrGlnIysMetCysAlaGlyIleProGlnIleGlyValAspThrCys 381
 Db GGGAGAGTACCCAG 1405
 QY 382 GlnIysAspSerGlyIleProLeuMetTyrGlnSerAspGlnTrpHisValIleGlyIle 401
 Db CAGGATGACAGTGTGGGCCCCCTGATGTACCAATCTACCAAGTGTGTGTGGGAGATC 1465
 QY 402 ValSerTrpGlyIysGlyIysGlyIysProSerThrProGlyValIysThrIysValSer 421
 Db GTTAGTGGGAGCTATGCTGTGGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1525
 QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpIysAlaGlnLeu 435
 Db GCTTATCTCACTGATGTATCAATGTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1567
 Db 1326 GCTTATCTCACTGATGTATCAATGTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG
 RESULT 68
 US-60-453-050-7383
 ; Sequence 7383, Application US/60453050
 ; GENERAL INFORMATION:
 ; APPLICANT: CARGILL, Michele
 ; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
 ; TITLE OF INVENTION: STENOSIS, METHODS OF DETECTION AND USES THEREOF
 ; FILE REFERENCE: CL001457
 ; CURRENT APPLICATION NUMBER: US/60/453,050
 ; NUMBER OF SEQ ID NOS: 82762
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 7383
 ; LENGTH: 2112
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-60-453-050-7383
 Alignment Scores:
 Pred. No.: 0 Length: 2112
 Score: 2318.00 Matches: 431
 Percent Similarity: 99.31% Conserved: 0
 Best Local Similarity: 99.31% Mismatches: 3
 Query Match: 98.98% Indels: 0
 DB: 79 Gaps: 0
 US-10-803-530-2 (1-435) x US-60-453-050-7383 (1-2112)
 QY 2 AspProAspSerArgGlnProLeuAsnSerIleuAspValIysProLeuArgIysProArg 21
 Db GATCCTGACAGTGTATCAACCTCTGAAACAGCTTCAGTCAAAACCCCTGCGAAACCCCGT 325
 QY 22 IleProMetGlnThrPheArgIysValGlyIleProIleIleIleIleAlaLeuSerIleu 41
 Db ATCCCATGAGACCTTCAGAAAGGTGGAGATCCCATCATCATGCACTACCTAGCTTG 385
 QY 42 AlaSerIleIleIleValIleValIleuIleIysValIleLeuAspIleIysIlePheIleu 61
 Db GCGAGTATCATCTGTGTCTGCTCATCAAGGATTTCTGATTAATACTACTCTCTC 445
 QY 62 CysGlyIleProLeuHisPheIleProArgIysGlnLeuCysAspGlyIleLeuAspCys 81
 Db TCGCGGCGCCTCTCCACTTCATCCCGAAGAGCAGCTGTGTGACGAGAGCTGACCTGT 505
 QY 82 ProLeuGlyIleAspGlyIleGlnHisCysValIysSerPheProGlyIleProAlaValAla 101
 Db CCTTGGGGAG 565
 QY 102 ValArgLeuSerIysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
 Db GTCCGCTCTCCAG 625
 QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCysArgGlnMet 141
 Db TTCTGCTGCTGTTTGCAGAACTTCACAGAGCTTCGCTGTGAGACGCTGTAGAGAGAGAG 685

QY 14 GLYTyrSerSerIysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
 Db 686 GGCTTACGACGACAAACCACTTTACAGAGCTGTGAGATGGCCACAGACAGATCTGGAT 745
 QY 162 ValValGluIleThrGlnAsnSerGlnIleuValrGmEcaTgAsnSerSerGlyProCys 181
 Db 746 GTTGTTGAATTCACAGAAAACAGCCAGGAGCTTGCAATGCAAGACTCAAGTGGCCCTGT 805
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIlybSerLeuIlyThrPro 201
 Db 806 CTCTCAGGCTCCCTGATCTCCCTGACATGTCTTCCCTGTGGGAGAGAGCTTAAGACCCCC 865
 QY 202 ArgValValGlyGlyGlnGluAlaSerCysValAspSerIlyProTyrPglValSerIleGln 221
 Db 866 CGTGTGGTGGGTGKGGAGAGAGGCTCTGTGGATTCTTGCCCTTGACAGTACGATCCAG 925
 QY 222 TyrAspIlySerGlnHisValCysGlyIlySerIleuAspProHisIlyThrValLeuThrAla 241
 Db 926 TACGACAAACAGCACGTCTGTGAGGAGAGCATCTGGACCCCACTGGGTCTTCACGCA 985
 QY 242 AlaHisCysPheArgIlyHisIlyThrAspValPheAsnIlyIysValaGluIleGlySerAsp 261
 Db 986 GCCCATCTGCTTCAGGAACACATACCGATGTGTCACTGAAAGGTCGGGCGAGGCTCAGAC 1045
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGlnPheAsnPro 281
 Db 1046 AAACCTGGGAGGCTTCCATCCCTGGCTGTGGCCAAAGTACATCATCTTAATTCACCC 1105
 QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 Db 1106 AGTATCCCAAGAACATGACATGCGCTCATGAAGCTGAGATGCCACATCACTTCTCA 1165
 QY 302 GlyThrValArgProIleCysLeuProPheAspGluIleuThrProAlaThrPro 321
 Db 1166 GGCAAGCTCAGGCGCATCTGTCTGCCCTTCTTGATGAGAGAGCTCACTCAGCCACCCCA 1225
 QY 322 LeuThrIleIleGlyTyrPglPheThrLysGlnAsnGlyIlyLysMetSerAspIleLeu 341
 Db 1226 CTCTGATATATGGATGGGGCTTTAAGAGACAAATGAGGAAAGATGTGTGACATCTG 1285
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 Db 1286 CTGCAAGCGCTCAGTCCAGGATCTGACAGACACGGTGCATGACAGACAGTGGATCAG 1345
 QY 362 GlyIleuValThrGlnLysMetMetCysAlaGlyIleProGluIlyGlyValAspThrCys 381
 Db 1346 GGGGAAGATCACCGAGAAATGATGTGTGACAGCATCCCGGAAGGGGTGTGGACACTGC 1405
 QY 382 GlnGlyAspSerGlyIlyProLeuMetTyrGlnIleAspGlnIlyThrHisValAlaGlyIle 401
 Db 1406 CAGGATGACAGTGGTGGGCCCTCGATGTCACATCTGACCAAGTGGATGGTGGGCATC 1465
 QY 402 ValSerTyrGlyTyrGlyCysGlyIlyProSerThrProGlyValTyrThrLysValSer 421
 Db 1466 GTTAGTGGGCTATGGCTGCGGGGGGCCGAGAGACCCAGAGATATACACAGTCTCA 1525
 QY 422 AlaTyrLeuAsnThrIleTyrAsnValTyrPlyAlaGluLeu 435
 Db 1526 GCTATATCTCACTGATTCACAAATGCTGAAAGGCTGAGCTG 1567
 RESULT 69
 US-60-453-135,783
 : Sequence 7383, Application US/60453135
 : GENERAL INFORMATION:
 : APPLICANT: CARGILL, Michele
 : APPLICANT: IAKOUBOVA, Olga
 : TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
 : TITLE REFERENCE: CLO01456
 : CURRENT APPLICATION NUMBER: US/60/453,135
 : NUMBER OF SEQ ID NOS: 82/62
 : SOFTWARE: FastSeq for Windows Version 4.0

	SEQ_ID NO	7383
/	LENGTH:	2112
/	TYPE:	DNA
/	ORGANISM:	Homo sapiens
/	US-60-453-135-7383	
Alignment Scores:		
Pred. No.:	0	Length: 2112
Score:	2318.00	Matches: 431
Percent Similarity:	99.31%	Conservative: 0
Best Local Similarity:	99.31%	Mismatches: 3
Query Match:	98.98%	Indels: 0
DB:	79	Gaps: 0
US-10-803-530-2 (1-435) x US-60-453-135-7383 (1-2112)		
QY	2	AppProaSerAspGlnProLeuAnsSerLeuAspValysProLeuArglySPRoArg 21
Db	266	GATCCCTGACAGTGAATCAACTCTGTGAACAGCCTCGATGTCAACCCCTGGCAACCCCGT 325
QY	22	IlEPrometGluThrPhaArglyValGlyIleProIleIleIleIleAlaLeuLeuSerLeu 41
Db	326	ATCCCCATGAGACCTTCAAGAAAGGTGGAGATCCCCATCATCAAGCACTACTGAGCCCTG 385
QY	42	AlaSerIleIleIleValIleValIleuLeuValIleLeuAspLysTyTyrPheLeu 61
Db	386	GCGAGTATCATCATGTGGTGGTGTCTTCAAGAGATTCCTGGATTAATATCATCTTCTC 445
QY	62	CysGlyGlnProLeuHisPheIleProArglyGlnLeuCyAspGlyGluLeuAspCys 81
Db	446	TGGGGGAGCCTCTCCACTTCATCCCGAAGAGCAGTGTGTGACGAGAGCTGACTGT 505
QY	82	ProLeuGlyGluAspGluGlnHisCyValLysSerPheProGluGlyProAlaValAla 101
Db	506	CCCTTGGGGGAGAGAGAGAGACCTGTCTCAAGACTTCCCGAAGGGCTCGACGTGGCA 565
QY	102	ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Db	566	GTCGGCCCTCCCAAGAGACCGATCCACCTGACAGGGCTGAGACTGGGCCACAGGAACTGG 625
QY	122	PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db	626	TTCCTGCGCTTTTCGACACTTTCACAGAGACTCTCGCTGAGACAGCCTGTAGGGCAGATG 685
QY	142	GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db	686	GAGTACAGCAGCAACCACTTTCAGAGCTGTGGAGATTTGGCCCAAGACAGAGATCTGGAT 745
QY	162	ValValGluIleThrGluAsnSerGlnLeuArgPheAlaGlnAsnSerSerGlyProCys 181
Db	746	GTTGTGTAAATCAACAAGAAACAGCCAGAGGCTTGTGCATGCGAACTCAAGTGGGCCCTGT 805
QY	182	LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
Db	806	CTTCAGAGCTCCCGGTCTCCCTCGACATGTCTTCCGTGGGAGAGAGCTTAAGACCCCC 865
QY	202	ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db	866	CGTGTGTGGGTGKGAGAGGCGCTCTGTGTGATCTTGTGGCTTGGCAGGTGACATCCAG 925
QY	222	TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisStrpValLeuThrAla 241
Db	926	TACGACAAACAGCACGCTCTGTGAGGGAGACATCTTGACCCCCCATGGGTCTTACGGCA 985
QY	242	AlaHisCysPheArglyHisIsthrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Db	986	GCCCACTGCTTCAGGAACAATACGATGTGTCAACTGGAAGGTGGCGGCGAGCTCAGAC 1045
QY	262	LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsnPro 281
Db	1046	AAACTGGGACGCTCCATCCCTGGCTGTGGCCCAAGATCATCATTAATTCATCAACCCC 1105
QY	282	MetLysProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301


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Db      1106 ATGATACCCCAAGCAATGACATGCGCTCATGTAAGCTGACGATTCCTTCCTCA 1165
Qy      302 G|YThrValArgProIleCysLeuProPheAspGluGluLeuThrProAlaThrPro 321
Db      1166 GGCAACAGTCAGGCCCATCTGTCTGCTCTTTGATGAGAGCTCACTCCAGCCACCCCA 1225
Qy      322 LeuTrpIleIleGlyTrpGlyPheThrIysGlnAsnGlyIlyMetSerAspIleLeu 341
Db      1226 CTCTGAGCATTTGATGGGGCTTTACGAAAGCAAGATGAGAGATATCTGACATCTCG 1285
Qy      342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db      1286 CTCGAGGCTGATCTACAGCTCATTTACACGACACCGCTGCATGCAAGATCCGACAG 1345
Qy      362 GlyIuValIThrGluIyMetMetCysAlaGlyIleProGluGlyIlyValAspThrCys 381
Db      1346 GGGGAAGTCAACGGAAGATGATGTGTGACAGCATCCGGAAGGGGGTGTGGACACTGTC 1405
Qy      382 GlnGlyAspSerGlyIlyProLeuMetTyrGlnSerArgGlnTrpHisValValGlyIle 401
Db      1406 CAGGCTGACAGTGTGGGGCCCTGTGATGACCAATCTGACCAAGTGCATGTGTGGGCTC 1465
Qy      402 ValSerTrpGlyTyrGlyCysGlyIlyProSerThrProGlyValIlyThrIysValSer 421
Db      1466 GTTAGTGGGGCTAAGGCTGCGGGGGCCGAGACCCCAAGATATACCAAGGTCTCA 1525
Qy      422 AlaTyrLeuAsnTrpIleTyrAsnValIlyIlyValAlaGluLeu 435
Db      1526 GCCTATCTCACTGATCTACATGTCTGGAAGGTGAGCTG 1567

RESULT 70
US-60-466-412-7383
; Sequence 7383, Application US/60466412
; GENERAL INFORMATION:
; APPLICANT: CARBIL, Michele
; APPLICANT: IAKUBOVA, Olga
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; FILE REFERENCE: CLO01466
; CURRENT APPLICATION NUMBER: US/60/466,412
; CURRENT FILING DATE: 2003-04-30
; NUMBER OF SEQ ID NOS: 422941
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 7383
; LENGTH: 2112
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-466-412-7383

Alignment Scores:
Pred. No.: 0 Length: 2112
Score: 2318.00 Matches: 431
Percent Similarity: 99.31% Conservative: 0
Best Local Similarity: 99.31% Mismatches: 3
Query Match: 98.98% Indels: 0
Gaps: 0

US-10-803-530-2 (1-435) x US-60-466-412-7383 (1-2112)
Qy      2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIlyProLeuArgIlyProArg 21
Db      266 GATTCCTGACAGTCAACCTCTGAAACAGCTCGATGTCMAACCCCTGGCAAAACCCCGT 325
Qy      22 IleProMetGluThrPheArgIlyValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
Db      326 ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCATATGCACTACGAGCCCG 385
Qy      42 AlaSerIleIleIleValValIleuIleIlyValIleLeuAspIlyTyrTrpPheLeu 61
Db      366 GCGAGATCATCATGTGTGTGCTTCATCAAGGTATCTGTGATTAATATCACTTCTTC 445
Qy      62 CysGlyGlnProLeuHisPheIleProArgIlyGlnLeuCysAspIlyIleuAspCys 81

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Db      446 TGGCGGAGCCTCTCCACTTCATCCGAGGAAGAGCTGTGTGACGAGAGCTGACTGT 505
Qy      82 ProLeuGlyIlyAspGluGluIleCysValIlySerPheProGluGluProAlaValAla 101
Db      506 CCGTTGGGGGAGAGAGAGACACTGTGTCAAGAGCTTCCCGAAGGGCCCTGCAAGTGGCA 565
Qy      102 ValArgLeuSerIlyAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
Db      566 GTCCGCTCTTCCAGAGACCATTCACACTGAGAGTGTGAGCTGGCCACAGGGAACTGG 625
Qy      122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db      626 TTCTGTGCTGTTCGACAACTTCACAGAACTCTCGCTGAGACAGCCTGTAGAGGAGATG 685
Qy      142 GlyTyrSerSerIlyProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db      686 GGTACAGACAGCAAAACCACTTCAGAGCTGTGAGATGGCCCAACAGAGATCTGAT 745
Qy      162 ValValGluIleThrGluAsnSerGlnIleuArgMetArgAsnSerGlyProCys 181
Db      746 GTTGTGAATACAGAAACAGCCAGAGCTTGCATGCGAACTCAAGTGGGCTGT 805
Qy      182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIlySerLeuIlyThrPro 201
Db      806 CTCTCAGGCTCCCTGTGTCTCCCTGCACTGTCTGTGTGGGAGAGGCTGAGACCCCC 865
Qy      202 ArgValValIlyGlyIlyGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db      866 CGTGTGGTGGTGGAGAGAGGCTCTGTGATCTTGTGGCTTGGCAGGTCAAGATTCAG 925
Qy      222 TyrAspIlyGlnHisValIlyCysGlyIlySerIleLeuAspProHisTrpValIleuThrAla 241
Db      926 TACAGCAAAACAGACGTGTGAGAGAGACATTTGACCCCACTGGAGTCTTCAAGGCA 985
Qy      242 AlaHisCysPheArgIlyHisThrAspValPheAsnTrpIlyValArgAlaGlySerAsp 261
Db      986 GCCCATGCTTCAAGAAACATACGATGTGTTCACATGGAAGGTGCGGAGGCTCAAGC 1045
Qy      262 LysLeuGlySerPheProSerLeuAlaValAlaIlyIleIleIleGluPheAsnPro 281
Db      1046 AAACCTGGCACTTCCATCCCTGTGCTGTGGCCAGATCATCATATGAATTCACCC 1105
Qy      282 MetTyrProIlyAspAsnAspIleAlaLeuMetIlyLeuGlnPheProLeuThrPheSer 301
Db      1106 ATGATACCCCAAGCAATGACATGCGCTCATGAAAGCTGCAATTCCTCACTTCTTCA 1165
Qy      302 GlyThrValArgProIleCysLeuProPheAspGluGluLeuThrProAlaThrPro 321
Db      1166 GGCAACAGTCAGGCCCATCTGTCTGCTCTTTGATGAGAGCTCACTCCAGCCACCCCA 1225
Qy      322 LeuTrpIleIleGlyTrpGlyPheThrIysGlnAsnGlyIlyMetSerAspIleLeu 341
Db      1226 CTCTGAGCATTTGATGGGGCTTTACGAAAGCAAGATGAGAGATATCTGACATCTCG 1285
Qy      342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db      1286 CTCGAGGCTGATCTACAGCTCATTTACACGACACCGCTGCATGCAAGATCCGACAG 1345
Qy      362 GlyIuValIThrGluIyMetMetCysAlaGlyIleProGluGlyIlyValAspThrCys 381
Db      1346 GGGGAAGTCAACGGAAGATGATGTGTGACAGCATCCGGAAGGGGGTGTGGACACTGTC 1405
Qy      382 GlnGlyAspSerGlyIlyProLeuMetTyrGlnSerArgGlnTrpHisValValGlyIle 401
Db      1406 CAGGCTGACAGTGTGGGGCCCTGTGATGACCAATCTGACCAAGTGCATGTGTGGGCTC 1465
Qy      402 ValSerTrpGlyTyrGlyCysGlyIlyProSerThrProGlyValIlyThrIysValSer 421
Db      1466 GTTAGTGGGGCTAAGGCTGCGGGGGCCGAGACCCCAAGATATACCAAGGTCTCA 1525
Qy      422 AlaTyrLeuAsnTrpIleTyrAsnValIlyIlyValAlaGluLeu 435

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Db 1526 GCCTATCTCAACTGATCTACATGTCCTGGAAGGCTGAGCTG 1567

RESULT 71

US-10-918-711-228

/ Sequence 226, Application US/10918711

/ GENERAL INFORMATION:

/ APPLICANT: CARGILL, Michele

/ TITLE OF INVENTION: POLYMORPHISMS IN NUCLEIC ACID MOLECULES

/ TITLE OF INVENTION: ENCODING HUMAN ENZYME PROTEINS, METHODS OF DETECTION AND

/ FILE OF INVENTION: US97000000

/ FILE REFERENCE: CLO01479

/ CURRENT APPLICATION NUMBER: US/10/918, 711

/ NUMBER OF SEQ ID NOS: 18339

/ SOFTWARE: FastSeq for Windows Version 4.0

/ SEQ ID NO 228

/ LENGTH: 2627

/ TYPE: DNA

/ ORGANISM: Homo sapiens

US-10-918-711-228

Alignment Scores:

Pred. No.: 0 Length: 2627

Score: 2318.00 Matches: 431

Percent Similarity: 99.31% Conservative: 0

Best Local Similarity: 99.31% Mismatches: 3

Query Match: 98.98% Indels: 0

DB: 63 Gaps: 0

US-10-803-530-2 (1-435) x US-10-918-711-228 (1-2627)

QY 2 AASPProASPSeAASPInProleuAenSerLeuAenAPVallyPProleuAlyPProAly 21

Db 266 GATCCCTGACAGTGAATCACTCTGGAAGCCCTCGATGTCACACCCCTGCGAAGCCCGT 325

QY 22 IlePomeGluThrPheArgGlyValGlyIleProIleIleIleIleIleAlyLeuLeuSerLeu 41

Db 326 ATCCCAATGGAACCTTCAGAAAGGTGGGATCCCATCATCATCATGACATGACCTGAGCTG 385

QY 42 AlaSerIleIleIleIleValValValLeuIleValIleValIleValIleValIleValIleVal 61

Db 386 GGAATATCATCATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 445

QY 62 CysGlyGluProLeuHisPheIleProArgGlyLeuGlyCysAASPGLyLLeuAASPGLy 81

Db 446 TCGGGGAGCCCTCTCACTCATCCCGAGAGAGAGCTGTGTGAGAGAGAGAGAGAGAGAGAGAG 505

QY 82 ProLeuGlyGluAASPGLyLLeuHisPheValIleValIleValIleValIleValIleValIle 101

Db 506 CCCTTGGGGAG 565

QY 102 ValArgLeuSerIleAASPArgSerThrLeuGluValIleAenAenSerIleAenAenAenAen 121

Db 566 GTCCGCTCTCAAG 625

QY 122 PheSerIleAenAenAenAenAenAenAenAenAenAenAenAenAenAenAenAenAenAen 141

Db 626 TTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 685

QY 142 GlyTyrSerSerIlePProThrPheArgAlaValGluIleGlyProAenAenAenAenAenAen 161

Db 686 GGTACAG 745

QY 162 ValValGluIleThrGluAenSerGluLeuAenAenAenAenAenAenAenAenAenAenAen 181

Db 746 GTTGTGAAAATCAAGAAAACAGCAG 805

QY 182 LeuSerGlySerIleValSerIleValSerIleValSerIleValSerIleValSerIleValSer 201

Db 806 CTCCTGAG 865

QY 202 ArgValValGlyGlyGluGluAenAenAenAenAenAenAenAenAenAenAenAenAenAen 221

Db 866 CGTGTGAGGAGTGGAG 925

QY 222 TyrAAspGlyGluHisValCysGlyGlySerIleLeuAenAenAenAenAenAenAenAenAen 241

Db 926 TACGACAAACAG 985

QY 242 AlaHisCysPheAenAenAenAenAenAenAenAenAenAenAenAenAenAenAenAenAenAen 261

Db 986 GCCACCTGCTTCAAG 1045

QY 262 LysLeuGlySerPheProSerIleValAlaValIleIleIleIleIleIleIleIleIleIleIle 281

Db 1046 AAATGGGAG 1105

QY 282 MetTyrProIleAenAenAenAenAenAenAenAenAenAenAenAenAenAenAenAenAenAen 301

Db 1106 ATGTACCCCAAG 1165

QY 302 GlyThrValArgProIleCysLeuProPheAenAenAenAenAenAenAenAenAenAenAenAen 321

Db 1166 GGCACAGTCAAG 1225

QY 322 LeuTrpIle 341

Db 1226 CTCTGATCATTTGATGAG 1285

QY 342 LeuGluAlaSerValGluValIleAenSerThrArgCysAenAenAenAenAenAenAenAenAen 361

Db 1286 CTCAG 1345

QY 362 GlyGluValThrGluLysMetCysAlaGlyIleProGluGlyGlyValAAspThrCys 381

Db 1346 GGGAGAGTCAAG 1405

QY 382 GlnGlyAASPSeGlyGlyProLeuMetTyrGlnSerAenAenAenAenAenAenAenAenAenAen 401

Db 1406 CAGGATGAG 1465

QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValIleThrIleValSer 421

Db 1466 GTTATGTTGGGCTATGGCTGG 1525

QY 422 AlaTyrLeuAenTrpIleTyrAenValIleTyrAlaGluLeu 435

Db 1526 GCCTATCTCAACTGATCTACATGTCCTGGAAGGCTGAGCTG 1567

RESULT 72

US-10-918-754-1065

/ Sequence 1065, Application US/10918754

/ GENERAL INFORMATION:

/ APPLICANT: CARGILL, Michele

/ TITLE OF INVENTION: POLYMORPHISMS IN NUCLEIC ACID MOLECULES

/ TITLE OF INVENTION: ENCODING HUMAN PROTEASE PROTEINS, METHODS OF DETECTION AND

/ FILE OF INVENTION: US97000000

/ FILE REFERENCE: CLO01480

/ CURRENT APPLICATION NUMBER: US/10/918, 754

/ NUMBER OF SEQ ID NOS: 91238

/ SOFTWARE: FastSeq for Windows Version 4.0

/ SEQ ID NO 1065

/ LENGTH: 2627

/ TYPE: DNA

/ ORGANISM: Homo sapiens

US-10-918-754-1065

Alignment Scores:

Pred. No.: 0 Length: 2627

Score: 2318.00 Matches: 431

Percent Similarity: 99.31% Conservative: 0

Best Local Similarity: 99.31% Mismatches: 3

Query Match: 98.98% Indels: 0

DB: 63 Gaps: 0

US-10-803-530-2 (1-435) x US-10-918-754-1065 (1-2627)

QY 2 AspProAspSerArgGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
 DB GATCTGACAGTGTATCAACTCTGAAACAGCTTCAGATGCAAAACCCCTGCGAAACCCCGT 325
 QY 22 IleProMetGlnThrPheArgLysValGlyIleProIleIleIleIleAlaLeuSerLeu 41
 DB ATCCCATGAGACCTTCAGAAAGGTGGAGATCCCATCATCATATGACTATGAGCTTG 385
 QY 42 AlaSerIleIleIleValValIleuIleLysValIleLeuAspLysTyrTyrPheLeu 61
 DB GCGAGTATCATCTGTGTCTCTCATCAAGGATTCAGATTCAGTAATAACTACTTCTC 445
 QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGlnLeuAspCys 81
 DB TCGCGGCGAGCTCTCCACTTCATCCCGAGAGAGAGCTGTGTGACGAGAGCTGACCTG 505
 QY 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
 DB CCTTGGGGAG 565
 QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
 DB GTCCGCTCTCCAG 625
 QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
 DB TTCTGCTGCTGTTTGCAGCACTTCACAGAGCTCTGCTGAGACAGAGCTGTAGAGAGATG 685
 QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
 DB GAGTACACAGAT 745
 QY 162 ValValGluIleThrGluAsnSerGlnGluLeuAspMetArgAsnSerSerGlyProCys 181
 DB GTTGTGAAATCAGAAACAGAT 805
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
 DB CTCTCAGAGCTCCCTGCTCTCCCTGCACTGCTTCTGAGGAGAGAGAGAGAGAGAGAGAG 865
 QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProThrGluValSerIleGln 221
 DB CGTGTGGGTGGGKAG 925
 QY 222 TyrAspLysGlnHisValCysGlyLysSerIleLeuAspProHisTrpValLeuThrAla 241
 DB TACGACAAACAG 985
 QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
 DB GCCCATGCTTCAGAAACATACCATGATGTTCAACTGGAGAGAGAGAGAGAGAGAGAGAG 1045
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleIleGluPheAsnPro 281
 DB AAAACGGGAGAGCTCCATCCCTGCTGTGGCCAGAGATCATATCATATGAATTCACACCC 1105
 QY 1046 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 DB ATGTACCCCAAG 1165
 QY 1106 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 DB ATGTACCCCAAG 1165
 QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
 DB GGCAAGTACAG 1225
 QY 1166 GGCAAGTACAG 1225
 QY 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysSerAspIleLeu 341
 DB CTCTGATATATGAG 1285
 QY 1226 CTCTGATATATGAG 1285
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 DB CTGCAAGGCTCAGTCCAGGTATTCAGACACAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1345
 DB 1286 CTGCAAGGCTCAGTCCAGGTATTCAGACACAGAGAGAGAGAGAGAGAGAGAGAGAG 1345

QY 362 GlyIuValThrGluLysMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
 DB GGGGAATCACCGAG 1405
 QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValGlyIle 401
 DB CAGGATGACAGTGTGGGCTGATGTACCAATCTACAGAGAGAGAGAGAGAGAGAGAGAG 1465
 QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
 DB GTAGTGTGGGCTGATGTGGGCTGATGTGGGCTGATGTGGGCTGATGTGGGCTGATGTGG 1525
 QY 1466 GTAGTGTGGGCTGATGTGGGCTGATGTGGGCTGATGTGGGCTGATGTGGGCTGATGTGG 1525
 QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
 DB GCTTATCTCAACTGATCTCAATGTCTGAAAGGCTGAGCTG 1567
 DB 1526 GCTTATCTCAACTGATCTCAATGTCTGAAAGGCTGAGCTG 1567
 RESULT 73
 US-60-495-114-1065
 ; Sequence 1065, Application US/60495114
 ; GENERAL INFORMATION:
 ; APPLICANT: CARILL, Michele
 ; TITLE OF INVENTION: POLYMORPHISMS IN NUCLEIC ACID MOLECULES
 ; TITLE OF INVENTION: ENCODING HUMAN PROTEASE PROTEINS, METHODS OF DETECTION AND
 ; TITLE OF INVENTION: USES THEREOF
 ; FILE REFERENCE: CLO01480
 ; CURRENT APPLICATION NUMBER: US/60/495,114
 ; CURRENT FILING DATE: 2003-08-15
 ; NUMBER OF SEQ ID NOS: 91238
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 1065
 ; LENGTH: 2627
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-60-495-114-1065
 Alignment Scores:
 Pred. No.: 0 Length: 2627
 Score: 2318.00 Matches: 431
 Percent Similarity: 99.31% Conservative: 0
 Best Local Similarity: 99.31% Mismatches: 3
 Query Match: 98.98% Indels: 0
 DB: 80 Gaps: 0
 US-10-803-530-2 (1-435) x US-60-495-114-1065 (1-2627)
 QY 2 AspProAspSerArgGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
 DB GATCTGACAGTGTATCAACTCTGAAACAGCTTCAGATGCAAAACCCCTGCGAAACCCCGT 325
 QY 22 IleProMetGlnThrPheArgLysValGlyIleProIleIleIleIleAlaLeuSerLeu 41
 DB ATCCCATGAGACCTTCAGAAAGGTGGAGATCCCATCATCATATGACTATGAGCTTG 385
 QY 42 AlaSerIleIleIleValValIleuIleLysValIleLeuAspLysTyrTyrPheLeu 61
 DB GCGAGTATCATCTGTGTCTCTCATCAAGGATTCAGATTCAGTAATAACTACTTCTC 445
 QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGlnLeuAspCys 81
 DB TCGCGGCGAGCTCTCCACTTCATCCCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 505
 QY 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
 DB CCTTGGGGAG 565
 QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
 DB GTCCGCTCTCCAG 625
 QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
 DB TTCTGCTGCTGTTTGCAGCACTTCACAGAGCTCTGCTGAGACAGAGCTGTAGAGAGATG 685
 DB 626 TTCTGCTGCTGTTTGCAGCACTTCACAGAGCTCTGCTGAGACAGAGCTGTAGAGAGATG 685

OY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
DB 1106 ATGATACCCCAAGACATGATCGCCCTCATGAAAGCTGAGTTCCCATCTTCTCA 1165
OY 302 GAThrValArgProIleCysLeuProPhePheAspGluLeuThrProAlaThrPro 321
DB 1166 GGCACAGTCAGGCCCATCTGTCTGCTCTTGTATGAGAGCTCATCCAGCCACCCCA 1225
OY 322 LeuTrpIleIleGlyTyrGlyPheThrLysGlnAsnGlyLysLysMetSerAspIleLeu 341
DB 1226 CTCTGAGCATTTGGATGGGGCTTTACAGAGCAGATGAGGAGATGTCGACATCTG 1285
OY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAlaThrGln 361
DB 1286 CTGAGGGGTGCTCAGCTCAGCTTACAGACACGGTGCATGCAAGATGCGTACAG 1345
OY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyLysValAspThrCys 381
DB 1346 GGGGAGTCACCGAAGATGATGTGTGAGCATCCGGAAAGGGGGTGGACACCTGC 1405
OY 382 GlnGlyAspSerGlyLysProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401
DB 1406 CAGGTCAGTCAGTGGGGCCCTGATGTAACAATCTGACCAAGTCATGTGGTGGCATC 1465
OY 402 ValSerTrpGlyTyrGlyCysGlyLysProSerThrProGlyValIleThrLysValSer 421
DB 1466 GTTAGTGGGCTAGTGGCTGCGGGGCCCGAGCACCCGAGGATACCAAGGCTCTCA 1525
OY 422 AlaTyrLeuAsnTrpIleTyrAsnValTyrLysAlaGluLeu 435
DB 1526 GCCATCTCACTGATCTACAAATCTCGGAAGGTGAGCTG 1567

RESULT 75
US-60-172-373-7332
; Sequence 7332, Application US/60172373
; GENERAL INFORMATION:
; APPLICANT: Morris, MacDonald
; APPLICANT: Lal, Preeti
; APPLICANT: Diep, Dinh
; TITLE OF INVENTION: Method for the Identification of Sequence Polymorphisms Using
; FILE REFERENCE: Polymorphic Sequence Databases, and Single Nucleotide Polymorph
; CURRENT APPLICATION NUMBER: US/60/172,373
; NUMBER OF SEQ ID NOS: 25,772
; SOFTWARE: PERL Program
; SEQ ID NO 7332
; LENGTH: 2076
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No: 332459.2
US-60-172-373-7332

Alignment Scores:
Pred. No.: 0 Length: 2076
Score: 2311.00 Matches: 434
Percent Similarity: 99.54% Conservative: 0
Best Local Similarity: 99.54% Mismatches: 0
Query Match: 98.68% Indels: 2
DB: 75 Gaps: 0

US-10-803-530-2 (1-435) x US-60-172-373-7332 (1-2076)

OY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIleProLeuArgLysProArg 21
DB 223 GATCTGACAGTGAATCACTCTGACACCTCGATGATCAAAACCTCGGCGCAAAACCCCT 282
OY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleAlaLeuLeuSerLeu 41
DB 283 ATCCCATGAGACCTTCAGAAAGTGGGGATCCCATCATCATATGACACTACTGAGCTCG 342

OY 42 AlaSerIleIleIleValValIleuIleLysValIleLeuAspLysTyrTyrPheLeu 61
DB 343 GCGAGTATCATCATTTGATGTGTCTCATCAAGGTGATTTGTGATTAATACACTTCTCTC 402
OY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyLysLeuAspProCys 81
DB 403 TGCAGGAGCTCTTCCACTTCATCTCCAGAGAGAGCTGTGTGACGAGAGACTGAGCTGT 462
OY 82 ProLeuGlyIleAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
DB 463 CCTTTGGGGAGAGAGAGACACTGTGTCAAGACTTCCCGAAGGGCTCGACTGGCA 522
OY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrLysAsnTrp 121
DB 523 GTCCGCTCTCAAGAGACCATTCACACTGAGAGGTGCTGACTCGGCCACAGGGAACTGG 582
OY 122 PheSerAlaCysPheAspPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
DB 583 TTCTGCTGTTCGACAACTTCACAGAACTCTCGCTGAGACAGCTGTGAGCGATG 642
OY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
DB 643 GCTTACAGACAGCAACCACTTTCAGACTGTGAGATTGGCCAGACAGAGATCTGAT 702
OY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
DB 703 GTTGTGAAATCAGAGAAACAGCCAGAGAGCTTCGATGGGAATCAAGTGGGCTCTG 762
OY 181 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPr 201
DB 763 TCTCTCAGGCTCCCTGCTCCCTGCACTGTCTGCTGCTGAGAGAGCTCGAAGACCC 822
OY 201 CArgValValGlyLysGluGluAlaSerValAspSerTrpProGlnValSerIleGlu 221
DB 823 CCGTGTGGTGGTGGAGAGGCTCTGTGATTTCTGGCTTGGCAGATGACATCA 882
OY 221 nTyrAspLysGlnHisValCysGlyLysSerIleLeuAspProHisTrpValLeuThr-A 241
DB 883 GTACACAAACAGACAGCTCTGTGAGAGAGATCTGGAACCCCACTGGGTCTCACGGG 942
OY 241 AlaAlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerA 261
DB 943 CAGCCCACTGCTTCAGAAACATACCGATGTTTCACTGGAAGGTGGGGGAGCTCAG 1002
OY 261 sPylsLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsp 281
DB 1003 ACAAATGGGAGCTTCCATCCCTGCTGAGCCAAAGATCAATGATTAATCAACC 1062
OY 281 rMetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheS 301
DB 1063 CCAATTAACCCCAAGACATGATGCGCTCATGAAAGCTGCAATGCCCATCTTCT 1122
OY 301 eArgLysThrValArgProIleCysLeuProPhePheAspGluLeuThrProAlaThrP 321
DB 1123 CAGGACAGTCAGGCGCATCTGTCTGCCCTTTGATGAGAGCTCACTCAGACCAACC 1182
OY 321 rLeuTrpIleIleGlyTyrGlyPheThrLysGlnAsnGlyLysLysMetSerAspIleL 341
DB 1183 CACTCTGATCATTTGATGGGGCTTTAGAGACAAATGAGAGAGATGTGTGACATAC 1242
OY 341 eLeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAlaIleTyrG 361
DB 1243 TGTCTGAGGCTCATCTCAGGTCAATTTGACAGACACGGTGCATGCAAGATGGGTACC 1302
OY 361 InglyValValThrGluLysMetMetCysAlaGlyIleProGluGlyLysValAspThrC 381
DB 1303 AGGGGAGATGACCCAGAGAGATGATGTGTGACGAGCATCCCGAAGGGGTGTGACACCT 1362
OY 381 yGlnGlyAspSerGlyLysProLeuMetTyrGlnSerAspGlnTrpHisValValGlyI 401
DB 1363 GCGAGGTCAGCTGTGGGGCCCTGATGATCAATTCGACCAAGTGGCATGTGGTGGCA 1422
OY 401 leValSerTrpGlyTyrGlyCysGlyLysProSerThrProGlyValIleThrLysValS 421

Db 1423 TCCTTAGCTGGGGCTAGCTGGGGGGCCGAGACCCGAGAGTATACCAAGTCT 1482
Qy 421 exlaryrleuansrtpjletryasnvaltrplysaliagileu 435
Db 1483 CAGCCTATCTCACTGATCTCAATGTCTGGAAGGCTGAGCTG 1526
RESULT 76
US-60-212-659-800
; Sequence 800, Application US/60212659
; GENERAL INFORMATION:
; APPLICANT: Beasley, Ellen
; TITLE OF INVENTION: ISOLATED HUMAN PROTEASE PROTEINS,
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN PROTEASE PROTEINS, AND
; FILE REFERENCE: C1000674
; CURRENT APPLICATION NUMBER: US/60/212,659
; CURRENT FILING DATE: 2000-06-19
; NUMBER OF SEQ ID NOS: 879
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 800
; LENGTH: 1522
; TYPE: DNA
; ORGANISM: HUMAN
US-60-212-659-800
Alignment Scores:
Pred. No.: 0 Length: 1522
Score: 2299.50 Matches: 430
Percent Similarity: 97.29% Conservative: 0
Best Local Similarity: 97.29% Mismatches: 1
Query Match: 98.19% Indels: 11
DB: Gaps: 1
US-10-803-530-2 (1-435) x US-60-212-659-800 (1-1522)
Qy 2 ApprPaspSerAspGluProleuanserleuaspvalysproleuarglyserproarg 21
Db 59 GATCTGACAGTATCACTCTGACAGCCTCGATGTCAAAACCCCTGGCAACCCCGT 118
Qy 22 lIeprometGluThrPheArglyValylIleproIlellelealeuLeuSerleu 41
Db 119 ATCCCATGAGAACCTTCAGAAAGTGGGATCCCATCATCATAGACCTAGAGCTG 178
Qy 42 AlaserllelleleleValvalleuIlelyValIleleuAspIlyrtyrPheleu 61
Db 179 GCGAGTATCATATGTGTGTCTCTCATCAAGGTGATTCGATTAATCTACTTCTC 238
Qy 62 CysGlyInProleuHIsPheIleProArglyserleuCyAspArglyGluLeuAspCys 81
Db 239 TGGGGGAGCCTCTCCACTTCATCCGAGAGAGCTGTGTGACGAGAGCTGGACTGT 298
Qy 82 ProleuGlyIuAspGluGluHIsCysValIysSerPheProGluGlyProAlaValAla 101
Db 299 CCTTGGGGGAGAGCAGAGAGCACTGTGTCAAGCTTCCCGAAGGCTTCGAGTGGCA 358
Qy 102 ValArgleuSerIysAspArgserThrleuGlnValleuAspSerAlathrGlyAsnTrp 121
Db 359 GTCCGCTCTTCACAGACCCATCCACACTGAGGTGTGACTCGGCACAGGAACTGG 418
Qy 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGluThrAlaCysArgImet 141
Db 419 TTCTCTGCTCGTTTCGACCACTTCAGAAAGCTCTCCCTAGACAGCTGTAGGCAAGT 478
Qy 142 G1yTyr-----SerSerIysProThrPheArg 150
Db 479 GGGTACAGCAGCTCAACAATCTCTCTCTCTGTGATGTGACAGCAAAACCACTTCA 538
Qy 151 AlAvalGluIleGlyProAspGluAspAspValValGluIleThrGluAsnSerGln 170
Db 539 GCTGTGAGATTGGCCCAAGACAGAGATCTGAGATGTGTAAATTCACAGAAAACACCCG 598
Qy 171 GluLeuArgMetArgAsnSerSerGlyProCysLeuSerSerIysSerleuValSerleuHIs 190

Db 599 GAGCTTCGATCGAGAACTCAAGTGGCCCTGTCTCAAGGCTCCCTGGTCTCCCTGCAC 658
Qy 191 CysleuAlaCysGlyIysSerleuIysThrProArgValValGlyGluIuAlaSer 210
Db 659 TGTCTGTGTGGGAAAGCCTGAAAGACCCCGTGTGTGTGTGTGGGGGGCTCTT 718
Qy 211 ValAspSerTrpProTrpGlnValSerIleGlnIlyAspIysGlnHIsValCysGly 230
Db 719 GTGATTTCTTGCCCTTCGACAGCTCAGATTCAGATTCAGATTCAGATTCAGATTC 778
Qy 231 SerIleleuAspProHIsTrpValleuThrAlaAlaHIsCysPheAlaGlySthAsp 250
Db 779 AGCATTCCTGAGACCCCACTGGGTCTTCAGCGGACCCCACTGCTTCAGAAACATAC 838
Qy 251 ValPheAsnTrpIysValArgAlaGlySerAspIysleuGlySerPheProSerleuAla 270
Db 839 GTGTTCAACTGGAAGGTGGGGAGGCTCAGACAAATGGAGCTTCCATCCCTGGCT 898
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Qy 291 leuMetIysleuGlnPheProleuThrPheSerArglyThrValArgProIleCysleuPro 310
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; Sequence 49, Application PC/TUS0241798A
; GENERAL INFORMATION:
; APPLICANT: PRANTZ, GRETCHEN
; APPLICANT: HILLMAN, KENNETH J.
; APPLICANT: PHILLIPS, HEIDI S.
; APPLICANT: POLAKIS, PAUL
; APPLICANT: SMITH, VICTORIA
; APPLICANT: SPENCER, SUSAN D.
; APPLICANT: WILLIAMS, P. MICKY
; APPLICANT: WU, THOMAS D.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; TITLE OF INVENTION: TREATMENT OF TUMOR
; FILE REFERENCE: P501481-PCT
; CURRENT APPLICATION NUMBER: PCT/US02/41798A
; CURRENT FILING DATE: 2002-12-30


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1 PRIOR FILING DATE: 1998-09-10
2 PRIOR APPLICATION NUMBER: US 60/103,678
3 PRIOR FILING DATE: 1998-10-08
4 PRIOR APPLICATION NUMBER: US 60/235,451
5 PRIOR FILING DATE: 2000-09-26
6 PRIOR APPLICATION NUMBER: PCT/US99/12252
7 PRIOR FILING DATE: 1999-06-02
8 PRIOR APPLICATION NUMBER: PCT/US99/20111
9 PRIOR FILING DATE: 1999-09-01
10 PRIOR APPLICATION NUMBER: PCT/US00/04342
11 PRIOR FILING DATE: 2000-02-18
12 PRIOR APPLICATION NUMBER: PCT/US00/05841
13 PRIOR FILING DATE: 2000-03-02
14 PRIOR APPLICATION NUMBER: PCT/US00/08439
15 PRIOR FILING DATE: 2000-03-30
16 PRIOR APPLICATION NUMBER: PCT/US00/23328
17 PRIOR FILING DATE: 2000-08-24
18 PRIOR APPLICATION NUMBER: PCT/US00/32678
19 PRIOR FILING DATE: 2000-12-01
20 PRIOR APPLICATION NUMBER: PCT/US01/06520
21 PRIOR FILING DATE: 2001-02-28
22 PRIOR APPLICATION NUMBER: PCT/US01/06566
23 PRIOR FILING DATE: 2001-03-01
24 NUMBER OF SEQ ID NOS: 10
25 SEQ ID NO 2
26 LENGTH: 2063
27 TYPE: DNA
28 ORGANISM: Homo Sapien
29 US-09-888-2574-2

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APPLICANT: Roy, Margaret Ann
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tunas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acid Encoding the Same
FILE REFERENCE: P2830P1C1
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PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105694
PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105807
PRIOR FILING DATE: 1998-10-27

Alignment Scores:

Pred. No.:	0	Length:	2063
Score:	2297.50	Matches:	429
Percent Similarity:	98.85%	Conservative:	0
Best Local Similarity:	98.85%	Mismatches:	0
Query Match:	98.10%	Indels:	5
DB:	37	Gaps:	1

US-10-803-530-2 (1-435) x US-09-946-374-274 (1-2063)

QY 2 AspProApsrAspGlnProLeuAnsSerLeuAspVallyAspProLeuArgProArg 21
Db 219 GATCTGACGATGATCAACCTCTGACAGCCTCGATGCAAAACCCCTGCGAAACCCCGT 278
QY 22 ILeProwetGluThrPheArglyValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
Db 279 ATCCCATGGAGACTTCAGAAAGTGGGATCCCATCATCATAGACACTAGAGCTG 338
QY 42 AlaSerIleIleIleValValleuIleValValIleLeuAspIleValIleValSerLeu 61
Db 339 GCGAGTATCATCATGTGTGTCTCATCAAGGTGATTCGATTAATCTACTTCTTC 398
QY 62 CysGlyGlnProLeuNHsPheIleProArglyGlnLeuCysAspArglyGluLeuAspCys 81
Db 399 TGCAGGAGGCTCTCCACTTCATCCCGAGAGAGCGCTGTGTGACGAGAGCTGACTGT 458
QY 82 ProLeuGlyGluAspGluGluNHsCysVallySerPheProGluGlyProAlaValAla 101
Db 459 CCGTGGGGAGAGAGAGAGAGACTGTGTCAAGAGCTTCCCGAAGGGCTGCACTGCA 518
QY 102 ValArgLeuSerIleAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTCCAG 578

QY 122 PheSerAlaCysPheAspAspPheThrGluAlaLeuAlaGluThrAlaCysArgIleMet 141
Db 579 TTCTCTGCTGTTTTCAGAACCTTCAGAGAGCTTCCTGACAGAGCTTGAGCAATG 638
QY 142 GlyTyrSerSerIlePsrThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGGTACAGC-----AAGAGCTGTGAGATTGGCCCAAGACAGATCTGGAT 683
QY 162 ValValGluIleThrGluAnsSerGlnGluLeuArgMetArgAnsSerSerGlyProCys 181
Db 684 GTTGTTGAATTCAGAGAAACAGCCAGAGAGCTTCGATCGGAAATCAATGAGGCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuNHsCysLeuAlaCysGlyIleValSerLeuYsthrPro 201
Db 744 CTCTCAGAGCTCCCTGCTGCTCTCCAGATGCTGTGCTGTGAGAGAGAGCTGAAAGACCCC 803
QY 202 ArgValAlaGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnAlaSerIleGln 221
Db 804 CGTGTGGGTGGGGAGAGAGAGCTGTGTGATTCCTTGGCTTGGCAGGTCAACATCCAG 863
QY 222 TyrAspLyGlnNHsValCysGlyGlySerIleLeuAspProNHsTrpValLeuThrAla 241
Db 864 TACGACAAACAGACAGCTGTGTGAGGAGAGCATCTGGACCCCACTGGGTCTTCACGGCA 923
QY 242 AlaHisCysPheArgIleNHsIleThrAspValPheAsnTrpLySerValArgAlaGlySerAsp 261
Db 924 GCCCATGCTTCAGAGAAACATACCATGTGTTCATCTGAGAGAGTGGGGAGAGCTCAGAC 983
QY 262 IysLeuGlySerPheProSerLeuAlaValAlaIleIleIleIleGluPheAspPro 281
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Db 1044 ATGTACCCCAAAACATGACATCGCCCTCATACATGACATGATCCACATCTTCTCA 1103
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Db 1104 GGCAAGTCAGAGCCCATCTGTCTGCTCTTCTTGTGAGAGAGCTTCCTCAGCCACCCCA 1163
QY 322 LeuTrpIleIleGlyTrpGlyPheThrIysGlnAsnGlyGlyIysMetSerAspIleLeu 341
Db 1164 CTCTGATCATTTGGATGGGGCTTTTACGAGACAAATGAGAGAGATGTGTGACATATCG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaIleGln 361
Db 1224 CTCAGGCGTCAGATCAGATTCATTCAGACACAGGTGACATTCAGACAGATGCGTACAG 1283
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Db 1284 GGGAGAGTCCAGAGAGATGATGTGTGAGAGAGATCCCGAGAGAGGTGTGACACCTGC 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetIysGlnSerAspGlnTrpHisValValGlyIle 401
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RESULT 80
US-10-006-063A-274
; Sequence 274, Application US/10006063A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Batton, Dan I.
; APPLICANT: Ferrara, Napoleone

1	PRIOR APPLICATION NUMBER: 60/1010711
2	PRIOR FILING DATE: 1998-09-18
3	PRIOR APPLICATION NUMBER: 60/1012799
4	PRIOR FILING DATE: 1998-09-22
5	PRIOR APPLICATION NUMBER: 60/1014711
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Alignment Scores:
 Pred. No.: 0 Length: 2063
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US-10-803-530-2 (1-435) x US-10-006-117A-274 (1-2063)

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 Db 1044 ATGTACCCCAAGACATGATGAGCTTCATGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1103
 QY 302 GlyThrValArgProIleCysLeuProPheAspGlnGluLeuThrProAlaThrPro 321
 Db 1104 GGCACAGTCAAGGCCATCTGTCTGCTCTTGTATGAGAGAGTCACTCCAGCCACCCCA 1163
 QY 322 LeuTrpIleIleGlyTyrGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
 Db 1164 CTCTGATCATTTGATGAGGCTTTTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 Db 1224 CTGCAGGGGTCAAGTCAAGTCAATGACAGCACAGGTCAATGACAGAGAGAGAGAGAGAG 1283
 QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
 Db 1284 GGGAGAGTCAAG 1343
 QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401
 Db 1344 CAGGCTGACAGTGTGGGCCCCCTGATGACCAATCTGACAGTGCATGTGGTGGGAGATC 1403
 QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
 Db 1404 GTTACCTGGGGCTATGCTGGGGGGGCCGAGACCCCAAGAGATATACACCAAGGCTTCA 1463
 QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
 Db 1464 GCCTATTCACATGATCTTACAAATGTCTGAAAGGCTGAGCTG 1505

RESULT 82
 US-10-006-117A-274
 ; Sequence 274, Application US/10006117A
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan I.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Pan, James

/ APPLICANT: Paoni, Nicholas F.
 / TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 / FILE REFERENCE: P2830P1C13
 / CURRENT APPLICATION NUMBER: US/10/006,117A
 / PRIOR FILING DATE: 2002-03-19
 / PRIOR APPLICATION REMOVED - See File Wrapper or Palm
 / NUMBER OF SEQ ID NOS: 477
 / SEQ ID NO 274
 / LENGTH: 2063
 / TYPE: DNA
 / ORGANISM: Homo sapiens
 US-10-006-117A-274

Alignment Scores:

Score:	2297.50	Length:	2063
Percent Similarity:	98.85%	Matches:	429
Best Local Similarity:	98.85%	Conservative:	0
Query Match:	98.10%	Mismatches:	0
		Indels:	5
		Gaps:	1

US-10-803-530-2 (1-435) x US-10-006-117A-274 (1-2063)

QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
 DB 219 GATCTGACAGTATCAACCTCTGAAACAGCTCGATGTCNAACCCCTGGCAAAACCCCGT 278
 QY 22 LLeProMetGlnThrPheArgLysValGlyLeuProLeuLeileuLeuLeuLeuSerLeu 41
 DB 279 ATCCCAAGAGAGACCTTCAGAAAGGTGGAGATCCCAATCATATAGACATCTAGAGCTG 338
 QY 42 AlaSerLeileileuValValLeuLeuLeuValLeuLeuValLeuLeuValLeuLeu 61
 DB 339 GCGAGTATCATATGTTGTTGTTCTCATCAAGGTGATTCGATTAATACTACTCTCTC 398
 QY 62 CysGlyGlnProLeuHisPheLeileuProArgLysGlnLeuCysAspGlyGlnLeuAspCys 81
 DB 399 TGGCGGAGAGCTCTCCACTTATCCCGAGAGAGAGCTGTGTGACGGAGAGCTGGACTGT 458
 QY 82 ProLeuGlyGlnAspGlnGlnHisCysValLysSerPheProGlnGlyProAlaValAla 101
 DB 459 CCTTGGGGGAGAGAGAGAGACCTGTGTCAAGAGCTTCCCGAAGGGCTGGAGTGGCA 518
 QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
 DB 519 GTCCGCTCTCCAG 578
 QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCysArgGlnMet 141
 DB 579 TTCTCTGCT 638
 QY 142 GlyTyrSerSerLysProThrPheArgAlaValGlnLeuLeuLeuLeuLeuLeuLeu 161
 DB 639 GGCTACAGC-----AGAGCTGTGAGATTGGCCCAAGCCAGAGAGAGAGAGAGAG 683
 QY 162 ValValGlnLeuThrGlnAsnSerGlnGlnLeuArgMetArgAsnSerSerGlyProCys 181
 DB 684 GTTGTAAATCAAGAAACAG 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
 DB 744 CTCTCAAGGCTCCCGGCT 803
 QY 202 ArgValValGlyGlnGlnAlaSerValAspSerTrpProTrpGlnValSerLeuGln 221
 DB 804 CGT 863
 QY 222 TyrAspLysGlnHisValCysGlyGlySerLeuLeuAspProHisTrpValLeuThrAla 241
 DB 864 TAGCAAAACAGCAGCTGT 923

QY 242 AlaHisCysPheArgLysHisTrpAspValPheAsnTrpLysValArgAlaGlySerAsp 261
 DB 924 GCCACAGCTCTTCAAGAAACATACCGATGTGTTCATCACTGAAAGGTGGGGAGGCTCAGAC 983
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysLeileileileileileileileu 281
 DB 984 AAATGGAGAGCTTCCATCTCTGTGGCTGTGGCCAAAGTCAATCAATTGATTCAAACCCC 1043
 QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 DB 1044 ATGTACCCCAAGACATGATGATCGCCCTCATGAAGCTGATCCCATCTTCTCTCA 1103
 QY 302 GlyThrValArgProLysCysLeuProPheAspGlnGlnLeuThrProAlaThrPro 321
 DB 1104 GGCACAGTCAGGCCCATCTGTCTGCCCTTCTTGAAGAGAGCTCACTCCAGCACCCCA 1163
 QY 322 LeuTrpLeileileileileileileileileileileileileileileileileileu 341
 DB 1164 CTCTGATCATTTGGATGGGCTTTTACAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpGln 361
 DB 1224 CTGACAGGCTCACTCCAGGATTCATTCAGACAGCAGGTGCATTCAGACAGATGGTCCAG 1283
 QY 362 GlyGlnValThrGlnLysMetMetCysAlaGlyIleProGlnGlyGlyValAspThrCys 381
 DB 1284 GGGAGAGTCAAG 1343
 QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnThrHisValValGlyIle 401
 DB 1344 CAGGTGACAGTGTGTGGGCTTGTACATGATCAATGACACAGTGGATGTGGTGGCAATC 1403
 QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
 DB 1404 GTTACGTGGGGCTATGCTGTGGGGGCGGAGAGACCCAGAGATATACCAAGGCTCA 1463
 QY 422 AlaTyrLeuAsnTrpLeuTyrAsnValTrpLysAlaGlnLeu 435
 DB 1464 GCTTATCTCACTGATCTACATGATCTGAAAGGCTGAGCTG 1505

RESULT 83
 US-10-006-130A-274
 / Sequence 274, Application US/10006130A
 / GENERAL INFORMATION:
 / APPLICANT: Baker, Kevin P.
 / APPLICANT: Botstein, David
 / APPLICANT: Desnoyers, Luc
 / APPLICANT: Batton, Dan L.
 / APPLICANT: Ferrara, Napoleone
 / APPLICANT: Fong, Sherman
 / APPLICANT: Gao, Wei-Qiang
 / APPLICANT: Goddard, Audrey
 / APPLICANT: Godowski, Paul J.
 / APPLICANT: Grimaldi, Christopher J.
 / APPLICANT: Gunney, Auneen L.
 / APPLICANT: Hillan, Kenneth J.
 / APPLICANT: Pan, James
 / APPLICANT: Paoni, Nicholas F.
 / TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 / FILE REFERENCE: P2830P1C17
 / CURRENT APPLICATION NUMBER: US/10/006,130A
 / PRIOR FILING DATE: 2002-03-19
 / PRIOR APPLICATION REMOVED - See File Wrapper or Palm
 / NUMBER OF SEQ ID NOS: 477
 / SEQ ID NO 274
 / LENGTH: 2063
 / TYPE: DNA
 / ORGANISM: Homo sapiens
 US-10-006-130A-274

Alignment Scores:
 Pred. No.: 0 Length: 2063

Score: 2297.50
 Percent Similarity: 98.85%
 Best Local Similarity: 98.85%
 Query Match: 98.10%
 DB: 40
 Matches: 429
 Conservative: 0
 Mismatches: 0
 Indels: 5
 Gaps: 1

US-10-803-530-2 (1-435) x US-10-006-130A-274 (1-2063)

QY 2 AAsProAAsSerAAsGlnProLeuAAsSerLeuAAsVallyProLeuAAsGlyProAAs 21
 Db GATCCTGACAGTGCATCACTCTGTAACAGCTCGATGCAAAACCCCTCGCAACCCCGT 278
 QY 22 ILProMetGlnThrPhaArgLysValGlyLeuProIleIleLeuLeuSerLeu 41
 Db ATCCCAAGAGAGACCTTCAGAAAGGTGGAGATCCCAATCATATGCACTACTAGACTG 338
 QY 42 AAsSerIleIleIleValIleValIleLeuValIleLeuAAsPheTyTyrPheLeu 61
 Db GCGAGTATCATCATTTGTGTGTCTCTCATCAAGTGATTTGGATTAATACACTTCTCTC 398
 QY 62 CysGlyGlnProLeuHisPheIleProAArgLysGlnLeuCyAAsPheGlyLeuAAsPhe 81
 Db TGGCGGAGAGCTCTCTCATCTCATCCGAGAGAGCTGTGTGACGAGAGCTGTGATCT 458
 QY 82 ProLeuGlyGlnAAsPheGlnHisCysVallySerPheProGlnGlyProAlaValAla 101
 Db CCTTGGGGAG 518
 QY 102 ValAArgLeuSerLysAAsPheSerThrLeuGlnValIleAAsPheSerAlaThrGlyAAsTrp 121
 Db GTCCGCTCTCTCAAG 578
 QY 519 GTCGCTCTCTCAAG 578
 Db 122 PheSerAlaCyAPheAAsPheThrGlnAlaLeuAlaGlyThrAlaCyAAsArgGlnMet 141
 QY 579 TTCTGTGCTGTGTGTGCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 638
 Db 142 GLYTyrSerSerLysProThrPheArgAlaValGlyIleGlyProAAsGlnAAsPheAAs 161
 QY 639 GGCCTACAGC-----AGAGCTGTGAGATTTGGCCAGAGAGAGAGAGAGATCTGAT 683
 Db 162 ValValGlyIleThrGlnAAsSerGlnGlnLeuAAsMetAAsPheAAsSerSerGlyProCys 181
 Db 684 GTTGTGAATATACAGAAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCyAGlyLysSerLeuAAsTrpPro 201
 Db 744 CTCTAGAGCTCTCTGTCTCTCTGCACTGTCTTGGCTGTGGAGAGAGCTTGAAGAGCC 803
 QY 202 ArgValIleGlyGlyGlnAlaSerValAAsPheTrpProTrpGlnValSerIleGln 221
 Db 804 CGTGTGTGTGTGTGGAG 863
 QY 222 TyrAAsPheValHisValCysGlyGlySerIleLeuAAsPheProHisTrpValIleThrAla 241
 Db 864 TACGACAAACAG 923
 QY 242 AlaHisCysPheAAsGlyHisThrAAsPheValPheAAsTrpLysValAArgLysSerAAsP 261
 Db 924 GCCCACTGTTCAGAGAAACATACGATGTGTTCACTGGAAGGTGGGAGAGCTCAGAC 983
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleLeuPheAAsPro 281
 Db 984 AAACAGGGAG 1043
 QY 282 MetTyrProLysAAsPheAAsPheIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 Db 1044 ATGTACCCCAAG 1103
 QY 302 GlyThrValAArgProIleCysLeuProPheAAsPheGlnGlnLeuThrProAlaThrPro 321
 Db 1104 GGCAGAGTACAG 1163
 QY 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAAsGlyGlyLysMetSerAAsPheIleLeu 341

Db 1164 CTCTGATCATATGATGAGGCTTTTACAGAGAGATGAGAGAGATGCTGACATCTG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAAsPheThrArgCysAAsAlaAAsPheAlaTyGln 361
 Db 1224 CTGAGAGGCTGACAGAGTATGACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1283
 QY 362 GlyGlnValThrGlnLysMetCysAlaGlyIleProGlnGlyGlyValAAsPheThrCys 381
 Db 1284 GGGAGAGTACCCAGAGAGATATGTGTGAGAGAGATCCCGAAGGGGGGTGAGACCTGC 1343
 QY 382 GlnGlyAAsPheSerGlyProLeuMetTyGlnSerAAsPheGlnThrPheValIleGly 401
 Db 1344 CAGGTGACAGTGTGTGGGCTCTGATGTACCAATCTGACAGTGTGATGTGTGTGCTC 1403
 QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
 Db 1404 GTTAGCTGGGGCTATGTGTGTGGGGGCGCCGAGAGAGAGAGAGAGATATACAGAGTCTCA 1463
 QY 422 AlaTyrLeuAAsTrpIleTyAAsValTrpLysAlaGlnLeu 435
 Db 1464 GCCTATCTCACTGATTTACATGTCTGAGAGAGCTGAGCTG 1505

RESULT 84
 US-10-006-172A-274
 ; Sequence 274, Application US/10006172A
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Bostein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan I.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Geo, Wei-Qiang
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2830P11
 ; CURRENT APPLICATION NUMBER: US/10/006,172A
 ; PRIOR FILING DATE: 2002-03-19
 ; PRIOR APPLICATION NUMBER: 60/098716
 ; PRIOR FILING DATE: 1998-09-01
 ; PRIOR APPLICATION NUMBER: 60/098723
 ; PRIOR FILING DATE: 1998-09-01
 ; PRIOR APPLICATION NUMBER: 60/098749
 ; PRIOR FILING DATE: 1998-09-01
 ; PRIOR APPLICATION NUMBER: 60/098750
 ; PRIOR FILING DATE: 1998-09-01
 ; PRIOR APPLICATION NUMBER: 60/098803
 ; PRIOR FILING DATE: 1998-09-02
 ; PRIOR APPLICATION NUMBER: 60/098821
 ; PRIOR FILING DATE: 1998-09-02
 ; PRIOR APPLICATION NUMBER: 60/098843
 ; PRIOR FILING DATE: 1998-09-02
 ; PRIOR APPLICATION NUMBER: 60/099536
 ; PRIOR FILING DATE: 1998-09-09
 ; PRIOR APPLICATION NUMBER: 60/099596
 ; PRIOR FILING DATE: 1998-09-09
 ; PRIOR APPLICATION NUMBER: 60/099598
 ; PRIOR FILING DATE: 1998-09-09
 ; PRIOR APPLICATION NUMBER: 60/099602
 ; PRIOR FILING DATE: 1998-09-09
 ; PRIOR APPLICATION NUMBER: 60/099642
 ; PRIOR FILING DATE: 1998-09-09
 ; PRIOR APPLICATION NUMBER: 60/099741
 ; PRIOR FILING DATE: 1998-09-10
 ; PRIOR APPLICATION NUMBER: 60/099754

[illegible]

PRIOR FILING DATE: 1998-10-27
 PRIOR APPLICATION NUMBER: 60/105882
 PRIOR FILING DATE: 1998-10-27
 PRIOR APPLICATION NUMBER: 60/106023
 PRIOR FILING DATE: 1998-10-28
 PRIOR APPLICATION NUMBER: 60/106029

Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 Gaps: 1

US-10-803-530-2 (1-435) x US-10-006-172A-274 (1-2063)

QY 2 AspProAspSerAspGlnProLeuAnsSerLeuAspValIysProLeuArgIysProArg 21
 DB 219 GATCTGACAGTATGACACCTCTGACAGCTCGATGCAAAACCCCTCGCAACCCCTG 278
 QY 22 IlePrometGluThrPheArgIysValIglYIleProIleIleIleAlaLeuSerLeu 41
 DB 279 ATCCCAATGAGACCTTCAGAAAGGTGGGGATCCCATCATCATGACACTAGAGCTCG 338
 QY 42 AlaSerIleIleIleValIleValIleValIleValIleValIleValIleValIle 61
 DB 339 GCGAGTATCATCATGTTGTCTCTCATCAAGGTGATTCGGAATAACTACTCTCTC 398
 QY 62 CysGlyGlnProLeuHisPheIleProArgIysGlnLeuCysAspGlyGlnLeuAspCys 81
 DB 399 TCGGGCAGCCCTCTCACTTCATCCGAGAGAGAGCTGTGACGAGAGAGCTGAGCTGT 458
 QY 82 ProLeuGlyGlnAspGlnGluHisCysValIysSerPheProGluGlyProAlaValAla 101
 DB 459 CCCTTGGGGAGAGAGAGAGAGAGAGCTGTGCAAGAGCTCCCGAAGGGCTGAGAGCA 518
 QY 102 ValArgLeuSerIysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
 DB 519 GTCCCTCTCTCCAAAGAGAGAGATCCACATGCGAGGTGCTGAGCTCGGCCACAGGAACTGG 578
 QY 122 PheSerAlaCysPheAspAsnSerPheArgIleAlaGluThrAlaCysArgGlnMet 141
 DB 579 TTCTCTGCTGTTTGACAACTTCACAGAGCTCTGCTGAGACAGCTCTGAGAGAGT 638
 QY 142 GlyTyrSerSerIysProThrPheArgAlaValIglYIleProAspGlnAspLeuAsp 161
 DB 639 GGCTACAGC-----AGAGCTGTGAGATTGGCCAGACCAAGATCTGAT 683
 QY 162 ValValGluIleThrGluAnsSerGlnIleLeuArgMetArgAsnSerGlyProCys 181
 DB 684 GTTGTGTAATCAACAGAAACAGCCAGAGCTTCGATCGGAACTCAAGTGGGCCCTGT 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIysSerLeuIysThrPro 201
 DB 744 CTCTCAGGCTCCCTGCTCTCCCTGACCTGCTTGTGAGAGAGAGCTGAGAGACCCC 803
 QY 202 ArgValIleIglYIleGlnIleValIleAspSerValAspSerTrpProTrpGlnValSerIleGln 221
 DB 804 CGTGTGCTGGGTGGGAGAGAGCTCTGAGATTCTTGCCCTTGGAGAGTCAAGATCCAG 863
 QY 222 TyrAspLysGlnHisValIysGlyIysSerIleLeuAspProHisTrpValLeuThrAla 241
 DB 864 TACGCAAAACAGACCTCTGTGAGAGAGATCTTGAGACCCCACTGGGTCTCTCAGGGA 923
 QY 242 AlaHisCysPheArgIysHisIleThrAspValPheAsnTrpIysValArgIleGlySerAsp 261
 DB 924 GCCACCTGCTTCAGAAACATACCGATGTGTTAACCTGAGAGTGGGCGAGGCTCAGAC 983
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaIysIleIleIleIleGlnPheAsnPro 281
 DB 984 AAACCTGGGAGGCTTCCATCCCTGGCTGTGGCCAAAGATCATCATTTGAATTCAACCCC 1043

QY 282 MetTyrProIysAspAsnAspIleAlaLeuMetIysLeuGlnPheProLeuThrPheSer 301
 DB 1044 ATGTACCCAAAGACATGATGATGCCCTCATGAGCTGCACTTCCACTCATCTTCTCA 1103
 QY 302 GlyThrValArgProIleCysLeuProPheAspGlnGluLeuThrProAlaThrPro 321
 DB 1104 GGCACAGCAGGCCCATCTGTCTCCCTCTTTATATGAGAGCTCATCTCCAGCCCA 1163
 QY 322 LeuTrpIleIleGlyTrpGlyPheThrIysGlnAnsGlyIysIysMetSerAspIleLeu 341
 DB 1164 CTCTGATCATTTGATGAGGCTTTTACAGACAGATGAGAGAGATTCATGACATATCG 1223
 QY 342 LeuGlnIleSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpGln 361
 DB 1224 CTGCAAGGCTGATGATCCAGGTATGACAGCAGCTGATGACAGAGATGCGTACAG 1283
 QY 362 GlyGluValIleThrGlyIysMetMetCysAlaGlyIleProGluGlyValIleAspThrCys 381
 DB 1284 GGGAGAGTCAACCGAAGATGATGTGACAGCATCCCGAAGGGGCTGTGACACCTGC 1343
 QY 382 GlnGlyAspSerGlyIysProLeuMetTyrGlnSerAspGlnTrpHisValIleGlyIle 401
 DB 1344 CAGGTGACAGTGTGGGCTCTTACAGACAGATGACAGCTGATGTGTGGGCTATC 1403
 QY 402 ValSerTrpGlyTyrGlyCysGlyIysProSerThrProGlyValIleThrIysValSer 421
 DB 1404 GTTACCTGGGCTATGCTGTGGGGGCCCGACAGACCCAGAGATATACCAAGGTCTCA 1463
 QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpIysAlaGluLeu 435
 DB 1464 GCTATCTCACTGATCTCAATGTCTGAAAGGCTGAGCTG 1505

RESULT 85

US-10-006-485A-274
 Sequence 274, Application US/10006485A

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
 APPLICANT: Desnoyers, Luc
 APPLICANT: Baton, Dan I.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: P2830PIC9
 CURRENT APPLICATION NUMBER: US/10/006,485A
 CURRENT FILING DATE: 2001-12-06
 PRIOR APPLICATION NUMBER: 60/098716
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098723
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098749
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098750
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098803
 PRIOR FILING DATE: 1998-09-02
 PRIOR APPLICATION NUMBER: 60/098821
 PRIOR FILING DATE: 1998-09-02
 PRIOR APPLICATION NUMBER: 60/098843
 PRIOR FILING DATE: 1998-09-02
 PRIOR APPLICATION NUMBER: 60/099536
 PRIOR FILING DATE: 1998-09-09
 PRIOR APPLICATION NUMBER: 60/099596
 PRIOR FILING DATE: 1998-09-09

1	PRIOR APPLICATION NUMBER: 60/099598	1	PRIOR FILING DATE: 1998-09-23
2	PRIOR FILING DATE: 1998-09-09	2	PRIOR APPLICATION NUMBER: 60/101479
3	PRIOR APPLICATION NUMBER: 60/099602	3	PRIOR FILING DATE: 1998-09-23
4	PRIOR FILING DATE: 1998-09-09	4	PRIOR APPLICATION NUMBER: 60/101758
5	PRIOR APPLICATION NUMBER: 60/099642	5	PRIOR FILING DATE: 1998-09-24
6	PRIOR FILING DATE: 1998-09-09	6	PRIOR APPLICATION NUMBER: 60/101741
7	PRIOR APPLICATION NUMBER: 60/099741	7	PRIOR FILING DATE: 1998-09-24
8	PRIOR FILING DATE: 1998-09-10	8	PRIOR APPLICATION NUMBER: 60/101743
9	PRIOR APPLICATION NUMBER: 60/099754	9	PRIOR FILING DATE: 1998-09-24
10	PRIOR FILING DATE: 1998-09-10	10	PRIOR APPLICATION NUMBER: 60/101915
11	PRIOR APPLICATION NUMBER: 60/099763	11	PRIOR FILING DATE: 1998-09-24
12	PRIOR FILING DATE: 1998-09-10	12	PRIOR APPLICATION NUMBER: 60/101916
13	PRIOR APPLICATION NUMBER: 60/099792	13	PRIOR FILING DATE: 1998-09-24
14	PRIOR FILING DATE: 1998-09-10	14	PRIOR APPLICATION NUMBER: 60/102207
15	PRIOR APPLICATION NUMBER: 60/099808	15	PRIOR FILING DATE: 1998-09-29
16	PRIOR FILING DATE: 1998-09-10	16	PRIOR APPLICATION NUMBER: 60/102240
17	PRIOR APPLICATION NUMBER: 60/099812	17	PRIOR FILING DATE: 1998-09-29
18	PRIOR FILING DATE: 1998-09-10	18	PRIOR APPLICATION NUMBER: 60/102307
19	PRIOR APPLICATION NUMBER: 60/099815	19	PRIOR FILING DATE: 1998-09-29
20	PRIOR FILING DATE: 1998-09-10	20	PRIOR APPLICATION NUMBER: 60/102330
21	PRIOR APPLICATION NUMBER: 60/099816	21	PRIOR FILING DATE: 1998-09-29
22	PRIOR FILING DATE: 1998-09-10	22	PRIOR APPLICATION NUMBER: 60/102331
23	PRIOR APPLICATION NUMBER: 60/100385	23	PRIOR FILING DATE: 1998-09-29
24	PRIOR FILING DATE: 1998-09-15	24	PRIOR APPLICATION NUMBER: 60/102484
25	PRIOR APPLICATION NUMBER: 60/100388	25	PRIOR FILING DATE: 1998-09-30
26	PRIOR FILING DATE: 1998-09-15	26	PRIOR APPLICATION NUMBER: 60/102487
27	PRIOR APPLICATION NUMBER: 60/100390	27	PRIOR FILING DATE: 1998-09-30
28	PRIOR FILING DATE: 1998-09-15	28	PRIOR APPLICATION NUMBER: 60/102570
29	PRIOR APPLICATION NUMBER: 60/100584	29	PRIOR FILING DATE: 1998-09-30
30	PRIOR FILING DATE: 1998-09-16	30	PRIOR APPLICATION NUMBER: 60/102571
31	PRIOR APPLICATION NUMBER: 60/100627	31	PRIOR FILING DATE: 1998-09-30
32	PRIOR FILING DATE: 1998-09-16	32	PRIOR APPLICATION NUMBER: 60/102684
33	PRIOR APPLICATION NUMBER: 60/100661	33	PRIOR FILING DATE: 1998-10-01
34	PRIOR FILING DATE: 1998-09-16	34	PRIOR APPLICATION NUMBER: 60/102687
35	PRIOR APPLICATION NUMBER: 60/100662	35	PRIOR FILING DATE: 1998-10-01
36	PRIOR FILING DATE: 1998-09-16	36	PRIOR APPLICATION NUMBER: 60/102965
37	PRIOR APPLICATION NUMBER: 60/100664	37	PRIOR FILING DATE: 1998-10-02
38	PRIOR FILING DATE: 1998-09-16	38	PRIOR APPLICATION NUMBER: 60/103258
39	PRIOR APPLICATION NUMBER: 60/100683	39	PRIOR FILING DATE: 1998-10-06
40	PRIOR FILING DATE: 1998-09-17	40	PRIOR APPLICATION NUMBER: 60/103314
41	PRIOR APPLICATION NUMBER: 60/100684	41	PRIOR FILING DATE: 1998-10-07
42	PRIOR FILING DATE: 1998-09-17	42	PRIOR APPLICATION NUMBER: 60/103315
43	PRIOR APPLICATION NUMBER: 60/100710	43	PRIOR FILING DATE: 1998-10-07
44	PRIOR FILING DATE: 1998-09-17	44	PRIOR APPLICATION NUMBER: 60/103328
45	PRIOR APPLICATION NUMBER: 60/100711	45	PRIOR FILING DATE: 1998-10-07
46	PRIOR FILING DATE: 1998-09-17	46	PRIOR APPLICATION NUMBER: 60/103395
47	PRIOR APPLICATION NUMBER: 60/100848	47	PRIOR FILING DATE: 1998-10-07
48	PRIOR FILING DATE: 1998-09-18	48	PRIOR APPLICATION NUMBER: 60/103396
49	PRIOR APPLICATION NUMBER: 60/100849	49	PRIOR FILING DATE: 1998-10-07
50	PRIOR FILING DATE: 1998-09-18	50	PRIOR APPLICATION NUMBER: 60/103401
51	PRIOR APPLICATION NUMBER: 60/100919	51	PRIOR FILING DATE: 1998-10-07
52	PRIOR FILING DATE: 1998-09-17	52	PRIOR APPLICATION NUMBER: 60/103449
53	PRIOR APPLICATION NUMBER: 60/100930	53	PRIOR FILING DATE: 1998-10-06
54	PRIOR FILING DATE: 1998-09-17	54	PRIOR APPLICATION NUMBER: 60/103633
55	PRIOR APPLICATION NUMBER: 60/101014	55	PRIOR FILING DATE: 1998-10-08
56	PRIOR FILING DATE: 1998-09-18	56	PRIOR APPLICATION NUMBER: 60/103678
57	PRIOR APPLICATION NUMBER: 60/101068	57	PRIOR FILING DATE: 1998-10-08
58	PRIOR FILING DATE: 1998-09-18	58	PRIOR APPLICATION NUMBER: 60/103679
59	PRIOR APPLICATION NUMBER: 60/101071	59	PRIOR FILING DATE: 1998-10-08
60	PRIOR FILING DATE: 1998-09-18	60	PRIOR APPLICATION NUMBER: 60/103711
61	PRIOR APPLICATION NUMBER: 60/101279	61	PRIOR FILING DATE: 1998-10-08
62	PRIOR FILING DATE: 1998-09-22	62	PRIOR APPLICATION NUMBER: 60/104257
63	PRIOR APPLICATION NUMBER: 60/101471	63	PRIOR FILING DATE: 1998-10-14
64	PRIOR FILING DATE: 1998-09-23	64	PRIOR APPLICATION NUMBER: 60/104987
65	PRIOR APPLICATION NUMBER: 60/101472	65	PRIOR FILING DATE: 1998-10-20
66	PRIOR FILING DATE: 1998-09-23	66	PRIOR APPLICATION NUMBER: 60/105000
67	PRIOR APPLICATION NUMBER: 60/101474	67	PRIOR FILING DATE: 1998-10-20
68	PRIOR FILING DATE: 1998-09-23	68	PRIOR APPLICATION NUMBER: 60/105002
69	PRIOR APPLICATION NUMBER: 60/101475	6	

PRIOR APPLICATION NUMBER: 60/105266
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105693
PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105694
PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105807
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105881
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105882
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/106023
PRIOR FILING DATE: 1998-10-28
PRIOR APPLICATION NUMBER: 60/106029

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-006-485A-274 (1-2063)

QY 2 ASPROASPESASPGLINPROLEUANSERLEUASPVALLYPROLEUARGLYSPROARG 21
DB 219 GATCTGACAGTATCAACCTCTGAACAGCTCGATGTCACACCCCTGGCAACCCCTG 278
QY 22 ILEPROMERGLINPHENARGLYSVALIGYLIEPOLLIELLELALALEUENSERLEU 41
DB 279 ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCATATGACATCTACTGAGCC 338
QY 42 ALASERLELLELVALVALVALLEULIELYSVALILEUASPLYETTYRPHLEU 61
DB 339 GGGATATCATATGTTGTTGTTCTCTCATCAGAGTATTCGATTAATACACTTCTTC 398
QY 62 CYSGLYGINPROLEUHSIPHEILIEPROARGLYSGINLEUCYASPGLYGILEUASPGY 81
DB 399 TGGGGGAGCCCTCTCACTTCATCCCGAGAGAGAGCTGTGACGAGAGCTGAGCTGT 458
QY 82 PROLEUGLYGLINASPGLYGLINHSYVALIYSERPHENPROGLINGLYPROALVALA 101
DB 459 CCTTGGGGAGAGAGAGAGAGAGCTGTGTCAGAGAGCTTCAGAGAGCTGAGAGAG 518
QY 102 VALARGLEUSERLYASPARSERPHLEUGINVALLEUASPSERATARGLYASNT 121
DB 519 GTCCGCTCTCCAGAGAGAGAGAGAGAGCTGTGAGTCTGGGCCACAGAGAGAG 578
QY 122 PHESERALCYSPHEASPARSERPHLEUGINALEUVALGLUTHRALA 141
DB 579 TTCTGTGCTGTGTTGACACACTTCACAGAGCTCTGCTGAGAGAGCTGTGAGAGAG 638
QY 142 GLYTYRSESERLYSPROTHRPHENARGLYSVALIGYLIEPROMERGLINLEUAS 161
DB 639 GGGCTACAGC-----AGAGCTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 683
QY 162 VALVALGLINLETHRGLEUANSERGLINLEUARGMETARGASPSERGLYPROCY 181
DB 684 GTTGTGAAATCACAAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 743
QY 182 LEUSERGLYSERLEUVALSERLEUHSYVALIYSERLYSVALIYSERLEUVAL 201
DB 744 CTCTGAGGGCTCTCTGTCTCTCTCTGACCTGTCTGTGAGAGAGAGAGAGAGAGAG 803
QY 202 ARGVALVALIGLYGLINLEUASERVALASERVALASPSERTTPROTHINVALSER 221
DB 804 CGGT 863
QY 222 TYRASPGLYGLINHSIPHEILIEPROMERGLINLEUASPSERATARGLYASNT 241
DB 864 TACGACAAACAG 923

QY 2242 ALAHSICYPHEARGLYSHIETHRASPVALPHEASNTPLYVALARGALIGLYSERASP 261
DB 924 GCCACCTGCTTCAGAGAAACATACCATGTGTTCACTGAGAGAGAGAGAGAGAGAGAG 983
QY 262 LYSLEUGLYSERPHENPROSERLEUVALVALIYSERLELLELLEGLUPHEANPRO 281
DB 984 AAATCGGGAGAGCTTCATCCCTGCTGTGTGAGAGAGATCATCATCATATTAATCAACCC 1043
QY 282 METTYRPROLYSAPPAASPIALLEALALEUWETLYSGINPHEPROLEUTHRPHESER 301
DB 1044 ATGTACCCCAAGACATGACATGCTCATVGAAGCTGCAGTTCCCATCACTTCTCA 1103
QY 302 GLYTHRVALARGPROLIECYELEUPROPHENPHEASPGJUGLULEUTHRPROALATHRPRO 321
DB 1104 GGCACAGTACAGCCCATCTGCTCTGCTCTTTATGAGAGAGCTCATCTCCAGCACCCCA 1163
QY 322 LEUTRPILELIEGLYTPGLYPHETHRYSGLINANGLYLYLYMETSERASPILLEU 341
DB 1164 CTCTGATCATTTGATGAGGGCTTTACAGAGAGAGATGAGAGATGTCGACATACG 1223
QY 342 LEUGINALASERVALGINVALILEASPSERTHRARGCYASAMALASPSALATYRGIN 361
DB 1224 CTGCAAGGCTCAGTCCAGGTCAATGACAGCACAGGTCCAAATGACAGAGATGCTACAG 1283
QY 362 GLYGLIVALITRGLINLYMETMETCYSAIAGLYILEPROGLINGLYVALIASPTHR 381
DB 1284 GGGAGAGTCCAGAGAGATATGTGTCCAGAGATCCCGAGAGGGGTGTGACACCTGC 1343
QY 382 GINGLIASPSERGLYGLYPROLEUWETTYRGINSEARSPGINTRPHISVALVALIGYLIE 401
DB 1344 CAGGTGACAGT 1403
QY 402 VALSERTPGLYTYRGLYCYSGLYGLYPROSERTHRPROGLYVALITYRTHLYSVALSER 421
DB 1404 GTTAGCTGGGCTATAGCTGCGGGGGCCCGAGCACCCAGAGAGTATACCAAGGTCTCA 1463
QY 422 ALATYRLEUASNTPLILETYRASNVALITRPLYSALIGLULEU 435
DB 1464 GCTATCTCACTGATCTCAATGTCTGAGAGAGCTGAGCTG 1505

RESULT 86
US-10-006-746A-274
Sequence 274, Application US/10006746A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2830PIC5
CURRENT APPLICATION NUMBER: US/10/006,746A
CURRENT FILING DATE: 2001-12-06
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803

;; Prior Application removed - See File Wrapper or Palm
;; NUMBER OF SEQ ID NOS: 477

;; SEQ ID NO 274

;; LENGTH: 2063

;; TYPE: DNA

;; ORGANISM: Homo sapiens

US-10-006-818A-274

Alignment Scores:

Pred. No.:	Score:	Length:	Matches:	Conservative:	Mismatches:	Indels:	Gaps:
0	2297.50	2063	429	0	0	5	1
Percent Similarity:	98.85%						
Best Local Similarity:	98.85%						
Query Match:	98.10%						

US-10-803-530-2 (1-435) x US-10-006-818A-274 (1-2063)

```

QY      2  AAPPProAspSerArgInProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
Db      219  GATCTGACGATGATCAACCTTGAAACAGCTCGATGCAAAACCCCTGCGCAAAACCCCGT 278

QY      22  ILEProMetGluThrPheArgLysValGlyILEProILEILELEuLeuSerLeu 41
Db      279  ATCCCATGAGAGCTTCAGAAAGTGGGATCCCATCATATAGCACTTACGAGCTG 338

QY      42  AIAserILEILELELELELELELELELELELELELELELELELELELELELELELELELE 61
Db      339  GGGAGATATATATGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTG 398

QY      62  CysGlyInProLeuHisPheILEProArgLysGlnLeuCysAspGlyLysLeuAspCys 81
Db      399  TCGGGGAGAGCTCTCCACTTCATCCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 458

QY      82  ProLeuGlyLysAspGluGlnHisCysValLysSerPheProGluGlyProAlaValAla 101
Db      459  CCCTTGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 518

QY      102  ValArgLeuSerLeuAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Db      519  GTCCGCTCTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 578

QY      122  PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGluTrpAlaCysArgGlnMet 141
Db      579  TTCTCTGCTGTTTTCAGACACTTCACAGAACTCTCCGTCGAGAGAGAGAGAGAGAGAGAGAGAG 638

QY      142  GlyTyrSerSerLysProThrPheArgAlaValGluILEGlyProAspGlnAspLeuAsp 161
Db      639  GGGTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 683

QY      162  ValValGluILEThrGlnAsnSerGlnLysLeuArgMetLysAsnSerSerGlyProCys 181
Db      684  GTTCTTGAATCAACAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 743

QY      182  LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysTrpPro 201
Db      744  CTCTCAGAGCTCCCTGCTCTCCCTGCACTGCTTCCCTGCGAGAGAGAGAGAGAGAGAGAGAGAG 803

QY      202  ArgValValGlyGlyGlnGluAlaSerValAspSerTrpProTrpGlnValSerILEGln 221
Db      804  GGTGTGGTGGTGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 863

QY      222  TyrAspLysGlnHisValCysGlyLysSerILEuAspProHisTrpValLeuThrAla 241
Db      864  TAGGACAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 923

QY      242  AlaHisCysPheArgLysHisTrpAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Db      924  GCCACACGCTTCAGAGAAACATACGATGTCTCACTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 983

QY      262  LysLeuGlySerPheProSerLeuAlaValAlaLysILEILELELELELELELELELELELELE 281
Db      984  AAACCTGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1043

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QY      282  MetTyrProLysAspAsnAspILEILEuMetLysLeuGlnPheProLeuThrPheSer 301
Db      1044  ATGTACCCCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1103

QY      302  GlyThrValArgProILECysLeuProPhePheAspGlnLysLeuThrProAlaTrpPro 321
Db      1104  GGCACAGTCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1163

QY      322  LeuTrpILEILEGlyTyrGlyPheThrLysGlnAsnGlyCysLysMetSerAspILELeu 341
Db      1164  CTCTGATCATTTGATGAGGCTTTTACAGACAGAAATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1223

QY      342  LeuGlnLysSerValGlnValILEAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db      1224  CTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1283

QY      362  GlyLysValThrGlnLysMetMetCysAlaGlyILEProGlnGlyLysValAspThrCys 381
Db      1284  GGGAGAGTACCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1343

QY      382  GlnGlyAspSerGlyLysProLeuMetTyrGlnSerAspGlnTrpHisValValGlyILE 401
Db      1344  CAGGATACAGTGTGTGGGCTTCGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1403

QY      402  ValSerTrpGlyTyrGlyCysGlyLysProSerThrProGlyValTyrThrLysValSer 421
Db      1404  GTTAGCTGGGAGCTATAGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1463

QY      422  AlaTyrLeuAsnTrpILETyrAsnValTrpLysAlaGluLeu 435
Db      1464  GCTATCTCAATCGATCTACATGCTCGAAGAGCTGAGCTG 1505

```

RESULT 88

US-10-006-856A-274

Sequence 274, Application US/10006856A

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan L.

APPLICANT: Ferreira, Napoleone

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Guiney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2830P1C14

CURRENT APPLICATION NUMBER: US/10/006, 856A

NUMBER OF SEQ ID NOS: 477

Prior Application removed - See File Wrapper or Palm

SEQ ID NO 274

LENGTH: 2063

TYPE: DNA

ORGANISM: Homo sapiens

US-10-006-856A-274

Alignment Scores:

Pred. No.:	Score:	Length:	Matches:	Conservative:	Mismatches:	Indels:	Gaps:
0	2297.50	2063	429	0	0	5	1
Percent Similarity:	98.85%						
Best Local Similarity:	98.85%						
Query Match:	98.10%						

US-10-803-530-2 (1-435) x US-10-006-856A-274 (1-2063)

QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIysProLeuAlaArgProArg 21
DB 219 GATCCTGACAGTGAATCAACCTCTGAACAGCCTCGAATGCAACCCCTCGGCAACCCCGT 278
QY 22 IleProMetGluThrPheArgIleValGlyIleProIleIleIleAlaLeuSerLeu 41
DB 279 ATCCCATGAGACCTTCAGAAAGGTGGGAGATCCCATCATCATAGCATCTAGAGCTTG 338
QY 42 AlaSerIleIleIleValIleValIleuIleuValIleLeuAspIleuTyThrPheLeu 61
DB 339 GCGAGTATCATCATGTGTGTCTCTCATCAAGGATCTGGAATAAATACTACTCTCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgIysGlnIleuCysAspGlyGlnLeuAspCys 81
DB 399 TCGCGGAGCCTCTCCATTCATCCGAGAAAGCAGCTGTGTGAGAGAGAGTGAAGTCTGT 458
QY 82 ProLeuGlyIleAspGlyGlnIleValIleCysValIleuSerPheProGlyGlyProAlaValAla 101
DB 459 CCTTTGGGGAGAGACAGAGACATCTGTCTCAAGAGCTTCGGAAGGCGCTGCAATGGCA 518
QY 102 ValArgLeuSerIleAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
DB 519 GTCCGCTCTCCAAAGACCGAATCCACATGCAAGTGTGACTCGGCCACAGGGAATCGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGlyAlaAlaGlyIleThrAlaCysArgGlnMet 141
DB 579 TTCTCTGCTGTTTGCACAACTTCCAGAAAGCTCTCGTGAGACAGCCTGTAGGAGAGATG 638
QY 142 GlyTyrSerSerIleProThrPheArgAlaValGlyIleGlyProAspGlnAspLeuAsp 161
DB 639 GGCCTACAGC-----AGAGCTGTGAGATTTGGCCGACGACCAAGATCTGAT 683
QY 162 ValValGlyIleThrGlnAsnSerGlnIleuArgMetArgAsnSerSerGlyProCys 181
DB 684 GTTGTGAATCAGAGAAACAGCAAGAGAGCTTCCCATCGGAACTCAAGTGGCGCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysValMetAlaCysGlyIleSerLeuIleThrPro 201
DB 744 CTCTAGAGCTCCCTGCTCTCCCTGCACTGTCTTGGCTGTGGAGAGAGCTGAAAGCCGCC 803
QY 202 ArgValIleGlyIleGlnGlnIleAspSerValAspSerTrpTrpGlnValSerIleGln 221
DB 804 CGTGTGGTGGGAGAGAGAGCTCTGTGATCTTGGCTTGGAGGTCAGATCCAG 863
QY 222 TyrAspIleGlnHisValCysGlyIleSerIleLeuAspProHisTrpValIleThrAla 241
DB 864 TACGACAAACAGCAGTCTGTGAGAGAGCATCTGGAACCCCACTGGGTCTCAAGGCA 923
QY 242 AlaHisCysPheArgIleValIleThrAspValPheAsnTrpIleValArgAlaGlySerAsp 261
DB 924 GCCCATGCTTCAGAAACATACCGATGTGTTCATCTGAAAGGTGGGAGAGCTCAGAC 983
QY 262 LysIleuGlySerPheProSerLeuAlaValAlaIleIleIleGlnPheAsnPro 281
DB 984 AAACAGGAGGCTTCCATCTGTGCTGTGGCTGTGGCCAAAGATCATCATTAATTCACACCC 1043
QY 282 MetTyrProIleAspAsnAspIleAlaIleuMetIleLeuGlnPheProLeuThrPheSer 301
DB 1044 ATGTACCCCAAGACATGACATCGCCCTCATGAAGCTCAGTCCCATCTCTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGlnIleuThrProAlaThrPro 321
DB 1104 GGCACAGTCAAGCCCATCTGTCTGCTCTTGTGAAGAGACTCACTCACACCCCA 1163
QY 322 LeuTrpIleIleGlyThrGlyPheThrIleGlnAspGlyGlyIleuMetSerAspIleLeu 341
DB 1164 CTCTGATCATTTGATGGGCTTTACAGACAGAAAGAGAGAGTGTCTGACATACG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaIleArgIle 361
DB 1224 CTGCAAGGCTCAAGTCAATGTGACACACACAGGTGACATGCAAGATGGTACAG 1283

QY 362 GlyIleValIleThrGlyIleMetMetCysAlaGlyIleProGlyGlyIleValIleAspThrCys 381
DB 1284 GGGAGATGACCGAAGAGATATGTGTGAGAGCATCCCGAAGGGGGTGTGACACCTGC 1343
QY 382 GlnIleAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValIleGlyIle 401
DB 1344 CAGGATGACAGTGTGGGCCCCCTGATGTACCAATCTGACAGTGTGATGTGGCATTC 1403
QY 402 ValSerTrpGlyIleArgIleCysGlyIleProSerThrProGlyValIleThrIleValSer 421
DB 1404 GTTAGCTGGGCTATGTGTGGGGGCCCGAGACCCCGAAGATATACCAAGTCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpIleValIleGlnLeu 435
DB 1464 GCTATCTCACTGATCATATGTCTGAAAGGCTGAGCTG 1505

RESULT 89
US-10-006-867-111
Sequence 111, Application US/10006867
GENERAL INFORMATION:
APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerltisen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Macanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/006,867
CURRENT FILING DATE: 2001-12-06
PRIOR APPLICATION NUMBER: 60/063435
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/064215
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/087759
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/088021
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088029
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088030
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088734
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088740
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088811
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088824
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088825
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088863
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/089105
PRIOR FILING DATE: 1998-06-12
PRIOR APPLICATION NUMBER: 60/089514
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089653
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089952
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/090246

PRIOR FILING DATE: 1998-06-22	PRIOR APPLICATION NUMBER: 60/106030
PRIOR APPLICATION NUMBER: 60/090444	PRIOR FILING DATE: 1998-10-28
PRIOR FILING DATE: 1998-06-24	PRIOR APPLICATION NUMBER: 60/106464
PRIOR APPLICATION NUMBER: 60/090688	PRIOR FILING DATE: 1998-10-30
PRIOR FILING DATE: 1998-06-25	PRIOR APPLICATION NUMBER: 60/106856
PRIOR APPLICATION NUMBER: 60/090966	PRIOR FILING DATE: 1998-11-03
PRIOR FILING DATE: 1998-06-25	PRIOR APPLICATION NUMBER: 60/108907
PRIOR APPLICATION NUMBER: 60/090862	PRIOR FILING DATE: 1998-11-17
PRIOR FILING DATE: 1998-06-26	PRIOR APPLICATION NUMBER: 60/112419
PRIOR APPLICATION NUMBER: 60/091628	PRIOR FILING DATE: 1998-12-15
PRIOR FILING DATE: 1998-07-02	PRIOR APPLICATION NUMBER: 60/112422
PRIOR APPLICATION NUMBER: 60/096012	PRIOR FILING DATE: 1998-12-15
PRIOR FILING DATE: 1998-08-10	PRIOR APPLICATION NUMBER: 60/112853
PRIOR APPLICATION NUMBER: 60/096757	PRIOR FILING DATE: 1998-12-16
PRIOR FILING DATE: 1998-08-17	PRIOR APPLICATION NUMBER: 60/113011
PRIOR APPLICATION NUMBER: 60/096949	PRIOR FILING DATE: 1998-12-16
PRIOR FILING DATE: 1998-08-18	PRIOR APPLICATION NUMBER: 60/112854
PRIOR APPLICATION NUMBER: 60/096959	PRIOR FILING DATE: 1998-12-16
PRIOR FILING DATE: 1998-08-18	PRIOR APPLICATION NUMBER: 60/113300
PRIOR APPLICATION NUMBER: 60/097954	PRIOR FILING DATE: 1998-12-22
PRIOR FILING DATE: 1998-08-26	PRIOR APPLICATION NUMBER: 60/113408
PRIOR APPLICATION NUMBER: 60/097971	PRIOR FILING DATE: 1998-12-22
PRIOR FILING DATE: 1998-08-26	PRIOR APPLICATION NUMBER: 60/113430
PRIOR APPLICATION NUMBER: 60/097979	PRIOR FILING DATE: 1998-12-23
PRIOR FILING DATE: 1998-08-26	PRIOR APPLICATION NUMBER: 60/113621
PRIOR APPLICATION NUMBER: 60/098749	PRIOR FILING DATE: 1998-12-23
PRIOR FILING DATE: 1998-09-01	PRIOR APPLICATION NUMBER: 60/114423
PRIOR APPLICATION NUMBER: 60/099741	PRIOR FILING DATE: 1998-12-30
PRIOR FILING DATE: 1998-09-10	PRIOR APPLICATION NUMBER: 60/115614
PRIOR APPLICATION NUMBER: 60/099763	PRIOR FILING DATE: 1999-01-12
PRIOR FILING DATE: 1998-09-10	PRIOR APPLICATION NUMBER: 60/116527
PRIOR APPLICATION NUMBER: 60/099792	PRIOR FILING DATE: 1999-01-20
PRIOR FILING DATE: 1998-09-10	PRIOR APPLICATION NUMBER: 60/116843
PRIOR APPLICATION NUMBER: 60/099812	PRIOR FILING DATE: 1999-01-22
PRIOR FILING DATE: 1998-09-10	PRIOR APPLICATION NUMBER: 60/119285
PRIOR APPLICATION NUMBER: 60/099815	PRIOR FILING DATE: 1999-02-09
PRIOR FILING DATE: 1998-09-10	PRIOR APPLICATION NUMBER: 60/119287
PRIOR APPLICATION NUMBER: 60/100627	PRIOR FILING DATE: 1999-02-09
PRIOR FILING DATE: 1998-09-16	PRIOR APPLICATION NUMBER: 60/119525
PRIOR APPLICATION NUMBER: 60/100662	PRIOR FILING DATE: 1999-02-10
PRIOR FILING DATE: 1998-09-16	PRIOR APPLICATION NUMBER: 60/119549
PRIOR APPLICATION NUMBER: 60/100683	PRIOR FILING DATE: 1999-02-10
PRIOR FILING DATE: 1998-09-17	PRIOR APPLICATION NUMBER: 60/120014
PRIOR APPLICATION NUMBER: 60/100684	PRIOR FILING DATE: 1999-02-11
PRIOR FILING DATE: 1998-09-17	PRIOR APPLICATION NUMBER: 60/129122
PRIOR APPLICATION NUMBER: 60/100930	PRIOR FILING DATE: 1999-04-13
PRIOR FILING DATE: 1998-09-17	PRIOR APPLICATION NUMBER: 60/129674
PRIOR APPLICATION NUMBER: 60/101279	PRIOR FILING DATE: 1999-04-16
PRIOR FILING DATE: 1998-09-22	PRIOR APPLICATION NUMBER: 60/131291
PRIOR APPLICATION NUMBER: 60/101475	PRIOR FILING DATE: 1999-04-27
PRIOR FILING DATE: 1998-09-23	PRIOR APPLICATION NUMBER: 60/138387
PRIOR APPLICATION NUMBER: 60/101738	PRIOR FILING DATE: 1999-06-09
PRIOR FILING DATE: 1998-09-24	PRIOR APPLICATION NUMBER: 60/144791
PRIOR APPLICATION NUMBER: 60/101743	PRIOR FILING DATE: 1999-07-20
PRIOR FILING DATE: 1998-09-24	PRIOR APPLICATION NUMBER: 60/164955
PRIOR APPLICATION NUMBER: 60/101916	PRIOR FILING DATE: 1999-12-07
PRIOR FILING DATE: 1998-09-24	PRIOR APPLICATION NUMBER: 60/175481
PRIOR APPLICATION NUMBER: 60/102570	PRIOR FILING DATE: 2000-01-11
PRIOR FILING DATE: 1998-09-30	PRIOR APPLICATION NUMBER: 60/191007
PRIOR APPLICATION NUMBER: 60/103449	PRIOR FILING DATE: 2000-03-21
PRIOR FILING DATE: 1998-10-06	PRIOR APPLICATION NUMBER: 60/199397
PRIOR APPLICATION NUMBER: 60/103678	PRIOR FILING DATE: 2000-04-25
PRIOR FILING DATE: 1998-10-08	PRIOR APPLICATION NUMBER: 09/380139
PRIOR APPLICATION NUMBER: 60/103679	PRIOR FILING DATE: 1998-08-25
PRIOR FILING DATE: 1998-10-08	PRIOR APPLICATION NUMBER: 09/311832
PRIOR APPLICATION NUMBER: 60/103771	PRIOR FILING DATE: 1999-05-14
PRIOR FILING DATE: 1998-10-08	PRIOR APPLICATION NUMBER: 09/380137
PRIOR APPLICATION NUMBER: 60/105000	PRIOR FILING DATE: 1999-08-25
PRIOR FILING DATE: 1998-10-20	PRIOR APPLICATION NUMBER: 09/380138
PRIOR APPLICATION NUMBER: 60/105002	PRIOR FILING DATE: 1999-08-25
PRIOR FILING DATE: 1998-10-20	PRIOR APPLICATION NUMBER: 09/380142
PRIOR APPLICATION NUMBER: 60/105881	PRIOR FILING DATE: 1999-08-25

Alignment Scores:

Pred. No.:	0	Length:	2063
Score:	2297.50	Matches:	429
Percent Similarity:	98.85%	Conservative:	0
Best Local Similarity:	98.85%	Mismatches:	0
Query Match:	98.10%	Indels:	5
	40	Gaps:	1

US-10-803-530-2 (1-435) x US-10-006-867-111 (1-2063)

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QY 2 AspProaSerAspGlnProleuAnSerLeuAspValLysProleuArgLysProArg 21
DB 219 GATCTGACAGTGAACCACTTCTGAACAGCTCGATGTCAAACCCCTGGGCAACCCGCT 278
QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleIleLeuLeuSerLeu 41
DB 279 ATCCCAATGAGAACCTTCAGAAAGGTGGGATCCCATCATCATCATCATCATCATCATG 338
QY 42 AlaSerIleIleIleValValValLeuIleValIleValIleValIleValIleValIle 61
DB 339 GCGAGTATCATCATCATCATCATCATCATCATCATCATCATCATCATCATCATCATCATCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
DB 399 TCGGGGACGCTCTCCACTTATCCGAGGAAGAGCTGTGTGAGCGAGAGCTGACCTGT 458
QY 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
DB 459 CCTTGGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 518
QY 102 ValAlaGluSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
DB 519 GTCCGCTCTCCAAAGACCGATCCACATGAGGCTGTGAGCTGCGCCACAGGAACTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
DB 579 TTCTCTGCTGTTTGAACAACCTTCAAGAGCTCTGCTGAGAACAGCTGTGAGAGAG 638
QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
DB 639 GGCTACAGC-----AGAGCTGTGAGATGGCCCAAGACAGAGATCTGAGAT 683
QY 162 ValValGluIleThrGluAnSerGlnGluLeuAspMetArgAsnSerSerLysProCys 181
DB 684 GTTGTGTAATCAAGAAACAGCAAGAGCTTGCATGCGAAGCTCAAGTGGCCCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
DB 744 CTCTCAAGGCTCCCTGCTCTCTCTGCACTGTCTTGCTGTGGGAAGAGCTGAAAGACCCC 803
QY 202 ArgValAlaGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
DB 804 CGTGTGTGTGTGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 863
QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
DB 864 TACGACAAACAGACACTGTGTGAGAGAGAGATCCGAGACCCCACTGGGTCTCAAGGCA 923
QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
DB 924 GCCCATGCTTTCAGAAACATACCATGTGTTCACTGAAAGGTGGGCAAGGCTCAAGC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
DB 984 AAACGGGAGAGCTCCCATCCGCTGCTGGGCAAGATATCATCATCATCATCATCATCA 1043
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
DB 1044 ATGTACCCCAAGACATGATGATGCTCATATAGCTGACAGTCCCACTCACTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
DB 1104 GGCAGAGTCAAGGCGCATGTGTGCTTCTTTGATGAGAGAGCTCACTCAAGCAACCCCA 1163

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QY 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAnGlyLysLysMetSerAspIleLeu 341
DB 1164 CTCTGAGATCTTGAATGGGGCTTTACGAGACAGATGAGGAGAGATCTCGACATACTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAlaAlaAspAspAlaTyrGln 361
DB 1224 CTGCAAGGCGTCAAGTCAAGGTCATTCAGACAGACAGCTGTCAATGACAGAGCGTACAG 1283
QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyValAspThrCys 381
DB 1284 GGGAGAGTCAACGAGAAATATATGTGTGACAGCAATCCGAAAGGGGTGTGACACTGTC 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401
DB 1344 CAGGTCAGATGTGTGGGCCCCCTGATGTACCATGTGACAGCTGCAATGTGGTGGCAATC 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
DB 1404 GTTAGCTGGGCTATGCTGCGGGGGCCGAGACCCCAAGAGTATACACCAAGGCTCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
DB 1464 GCTTATCTCAACTGATCTTCAATGTCTGAAAGGCTGAGCTG 1505

RESULT 90
US-10-007-194A-274
; Sequence 274, Application US/10007194A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C6
; CURRENT APPLICATION NUMBER: US/10/007,194A
; CURRENT FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
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; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099602
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099642
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099741

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1	PRIOR FILING DATE: 1998-09-10
2	PRIOR APPLICATION NUMBER: 60/099754
3	PRIOR FILING DATE: 1998-09-10
4	PRIOR APPLICATION NUMBER: 60/099763
5	PRIOR FILING DATE: 1998-09-10
6	PRIOR APPLICATION NUMBER: 60/099792
7	PRIOR FILING DATE: 1998-09-10
8	PRIOR APPLICATION NUMBER: 60/099808
9	PRIOR FILING DATE: 1998-09-10
10	PRIOR APPLICATION NUMBER: 60/099812
11	PRIOR FILING DATE: 1998-09-10
12	PRIOR APPLICATION NUMBER: 60/099815
13	PRIOR FILING DATE: 1998-09-10
14	PRIOR APPLICATION NUMBER: 60/099816
15	PRIOR FILING DATE: 1998-09-10
16	PRIOR APPLICATION NUMBER: 60/100385
17	PRIOR FILING DATE: 1998-09-15
18	PRIOR APPLICATION NUMBER: 60/100388
19	PRIOR FILING DATE: 1998-09-15
20	PRIOR APPLICATION NUMBER: 60/100390
21	PRIOR FILING DATE: 1998-09-15
22	PRIOR APPLICATION NUMBER: 60/100584
23	PRIOR FILING DATE: 1998-09-16
24	PRIOR APPLICATION NUMBER: 60/100627
25	PRIOR FILING DATE: 1998-09-16
26	PRIOR APPLICATION NUMBER: 60/100661
27	PRIOR FILING DATE: 1998-09-16
28	PRIOR APPLICATION NUMBER: 60/100662
29	PRIOR FILING DATE: 1998-09-16
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32	PRIOR APPLICATION NUMBER: 60/100683
33	PRIOR FILING DATE: 1998-09-17
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53	PRIOR FILING DATE: 1998-09-18
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66	PRIOR APPLICATION NUMBER: 60/101477
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68	PRIOR APPLICATION NUMBER: 60/101479
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71	PRIOR FILING DATE: 1998-09-24
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73	PRIOR FILING DATE: 1998-09-24
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79	PRIOR FILING DATE: 1998-09-24
80	PRIOR APPLICATION NUMBER: 60/102207
81	PRIOR FILING DATE: 1998-09-29
82	PRIOR APPLICATION NUMBER: 60/102240
83	PRIOR FILING DATE: 1998-09-29
84	PRIOR APPLICATION NUMBER: 60/102307
85	PRIOR FILING DATE: 1998-09-29
86	PRIOR APPLICATION NUMBER: 60/102330
87	PRIOR FILING DATE: 1998-09-29
88	PRIOR APPLICATION NUMBER: 60/102331
89	PRIOR FILING DATE: 1998-09-29
90	PRIOR APPLICATION NUMBER: 60/102484
91	PRIOR FILING DATE: 1998-09-30
92	PRIOR APPLICATION NUMBER: 60/102487
93	PRIOR FILING DATE: 1998-09-30
94	PRIOR APPLICATION NUMBER: 60/102570
95	PRIOR FILING DATE: 1998-09-30
96	PRIOR APPLICATION NUMBER: 60/102571
97	PRIOR FILING DATE: 1998-09-30
98	PRIOR APPLICATION NUMBER: 60/102684
99	PRIOR FILING DATE: 1998-10-01
100	PRIOR APPLICATION NUMBER: 60/102687
101	PRIOR FILING DATE: 1998-10-01
102	PRIOR APPLICATION NUMBER: 60/102965
103	PRIOR FILING DATE: 1998-10-02
104	PRIOR APPLICATION NUMBER: 60/103258
105	PRIOR FILING DATE: 1998-10-06
106	PRIOR APPLICATION NUMBER: 60/103314
107	PRIOR FILING DATE: 1998-10-07
108	PRIOR APPLICATION NUMBER: 60/103315
109	PRIOR FILING DATE: 1998-10-07
110	PRIOR APPLICATION NUMBER: 60/103328
111	PRIOR FILING DATE: 1998-10-07
112	PRIOR APPLICATION NUMBER: 60/103395
113	PRIOR FILING DATE: 1998-10-07
114	PRIOR APPLICATION NUMBER: 60/103396
115	PRIOR FILING DATE: 1998-10-07
116	PRIOR APPLICATION NUMBER: 60/103401
117	PRIOR FILING DATE: 1998-10-07
118	PRIOR APPLICATION NUMBER: 60/103449
119	PRIOR FILING DATE: 1998-10-06
120	PRIOR APPLICATION NUMBER: 60/103633
121	PRIOR FILING DATE: 1998-10-08
122	PRIOR APPLICATION NUMBER: 60/103678
123	PRIOR FILING DATE: 1998-10-08
124	PRIOR APPLICATION

PRIOR FILING DATE: 1998-10-27
 PRIOR APPLICATION NUMBER: 60/105881
 PRIOR FILING DATE: 1998-10-27
 PRIOR APPLICATION NUMBER: 60/105882
 PRIOR FILING DATE: 1998-10-27
 PRIOR APPLICATION NUMBER: 60/106023
 PRIOR FILING DATE: 1998-10-28
 PRIOR APPLICATION NUMBER: 60/106029

Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-007-194A-274 (1-2063)

QY 2 AspProAspSerArgPglInProLeuAsnSerLeuAspValIlyProLeuArgIlyProArg 21
 Db 219 GATCTGACAGTGAATCAACCTCTGAACAGCTCGATGCAACCCCTGCGAAACCTCGT 278
 QY 22 ILeProMetGluThrPheArgIlyValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
 Db 279 ATCCCATGAGAGCTTCAGAAAGGTGGGATCCCATCATCATGCACTAGAGCTG 338
 QY 42 AlaSerIleIleIleValIleuIleuIleuValIleuAspIlyTyTyPheLeu 61
 Db 339 GCGAGTATCATCATTTGTGTCTCATCAAGGTGATTCGATTAATACTACTCTCTC 398
 QY 62 CysGlyIleProLeuHisPheIleProArgIlyGlyLeuCysAspGlyIleLeuAspCys 81
 Db 399 TGCGGGCAGCTCTCCACTTCATCCGAGAGAGCTGTGTGACGAGAGCTGACCTGT 458
 QY 82 ProLeuGlyIleAspGlyIleHisCysValIlySerPheProGlyIleProIleValIle 101
 Db 459 CCTTGGGGAGAGAGAGAGAGAGCTGTGTCAAGACTTCCCGAAGGGCTGCACTGCA 518
 QY 102 ValArgLeuSerIlyAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
 Db 519 GTCCGCTCTCCAGAGAGAGAGAGAGCTGTGTGAGAGAGAGAGAGAGAGAGAGAG 578
 QY 122 PheSerAlaCysPheAspAsnPheThrGlyAlaLeuAlaGlyThrAlaCysArgGlnMet 141
 Db 579 TTCTGTGCTGTTTGCAGCAACTTCACAGAACTCTGCTGAGACAGAGCTGTGAGAG 638
 QY 142 GlyTyTySerSerIlyProThrPheArgAlaValGlyIleGlyProAspGlnAspLeuAsp 161
 Db 639 GCGTACAGC-----AGAGCTGTGAGAGATTGGCCAGAGCCAGAGATCTGAGT 683
 QY 162 ValValGlyIleThrGlyAsnSerGlnIleuArgMetArgAsnSerSerIlyProCys 181
 Db 684 GTTGTGTAATACAGAAACAGAGAGAGAGCTTCCAGATCCGGAATCAAGTGGGCTGT 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIlyAspSerLeuTyThrPro 201
 Db 744 CTCTCAGGCTCCCTGCTCTCCCTGCACTGTCTGTGAGAGAGAGAGAGAGAGAGAG 803
 QY 202 ArgValIleGlyIleGlnIleuAspSerValAspSerTrpProGlnIleValSerIleGln 221
 Db 804 CGTGTGTGTGTGGGAGAGAGAGAGCTGTGTGAGATCTGTGAGAGAGAGAGAGAGAG 863
 QY 222 TyrAspIlyGlnIleValCysGlyIlySerIleLeuAspProHisTrpValIleuThrAla 241
 Db 864 TACGACAAACAGACCTCTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 923
 QY 242 AlaHisCysPheArgIlyHisIleThrAspValPheAsnTrpIlyValArgAlaGlySerAsp 261
 Db 924 GCCCACTGCTCAGAGAAACATACCGAGTGTTCACATGAGAGAGAGAGAGAGAGAGAG 983
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaIleIleIleIleGluPheAsnPro 281

Db 984 AAACGTGGAGAGCTTCCATCCCTGGCTGGCCAGAGATCATCATGTAATTCACACCC 1043
 QY 282 MetTyProIlyAspAsnAspIleAlaLeuMetIlyLeuGlnPheProLeuThrPheSer 301
 Db 1044 ATGTACCCCAAGAGACATATGATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1103
 QY 302 GlyThrValArgProIleCysLeuProPhePheAspGlnIleuThrProAlaThrPro 321
 Db 1104 GGCACATGAG 1163
 QY 322 LeuTrpIleIleGlyTyTyPheThrIlyGlnIleuAsnGlyIlyIlyMetSerAspIleLeu 341
 Db 1164 CTCTGATCATATGATGAG 1223
 QY 342 LeuGlnIleAspValGlnIleuValIleAspSerThrArgCysAsnAlaAspAspAlaTyGln 361
 Db 1224 CTGAGAGGCTAGCTAG 1283
 QY 362 GlyIleValIleThrGlyIlyMetMetCysAlaGlyIleProGlyIlyIleValAspThrCys 381
 Db 1284 GGGAGAGTACCGAGAGAGATGATGTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1343
 QY 382 GlnGlyAspSerGlyIlyProLeuMetTyGlnSerAspGlnIleValIleValIle 401
 Db 1344 CAGGAGTACAGTGTGGGAG 1403
 QY 402 ValSerTrpGlyTyTyGlyCysGlyIlyProSerThrProGlyIlyTyThrIleValSer 421
 Db 1404 GTTACCTGGGCTGTAGCTGTGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1463
 QY 422 AlaTyLeuAsnTrpIleTyAsnValTrpIlyValIleu 435
 Db 1464 GCCTATCTCACTGATTCATGATGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1505

RESULT 91

US-10-007-236A-274
 ; Sequence 274, Application US/10007236A

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan I.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Fong, Sherman
 APPLICANT: Geo, Wei-Qiang
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P2830P1C12
 CURRENT APPLICATION NUMBER: US/10/007,236A
 PRIOR FILING DATE: 2002-06-25
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 477
 SEQ ID NO 274
 LENGTH: 2063
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-10-007-236A-274

Alignment Scores:

Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-007-236A-274 (1-2063)

QY 2 AAPPProhSerSerAspGlnProLeuanserLeuAspValIysProLeuArgProArg 21
Db 219 GATCCGAGACGATCAACCTCTGAACAGCCCTCGATGTCGAACCCCTCGGAAACCCCT 278
QY 22 ILeProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerIeu 41
Db 279 ATCCCAATGAGAGACCTTCAGAAAGGTGGAGATCCCATCATCATAGCACTAAGGCTG 338
QY 42 AlaSerIleIleIleValIleValIleuIleuValIleuAspLysTyrTyrPheLeu 61
Db 339 GCGATATCATCATATGTGTGTCTCTCATCAAGGATTCGATTAATATCTATCTCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyIleuAspCys 81
Db 399 TGGGGGAGCCTCTCCATCTTCATCCGAGAAAGCGTGTGTGACGAGAGCTGACTGT 458
QY 82 ProLeuGlyIleuAspGluGluHisCysValIysSerPheProGluGlyProAlaValAla 101
Db 459 CCTTGGGGGAGAGACGAGAGCACTGTGTCAAGAGCTTCCCGAAAGGCTCGAGTGGCA 518
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTCCAAAGACCATTCACACTGACGGTGTGACTCGGCAAGGAACTGG 578
QY 122 PheSerAlaCysPheAspAspPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 579 TTCTCTCTCTGTTCGACACTTCACAAAGCTCTGCTGAGACAGCCTGTAGGAGATG 638
QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGGTACAGC-----AGAGGCTGTGAGATTTGCCACAGACCATCTGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnGluLeuAsnMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTGAATATCAAAAACAGCCAGAGCTTCGATCGGAATCTCAAGTGGGCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
Db 744 CTCTCAGGCTCCTGTCTCTCCCTGCTGCTCTTCTTGGGAAAGCTGAAAGCCCC 803
QY 202 ArgValValGlyGlyIleGluGlnAspSerValAspSerTrpProTglnValSerIleGln 221
Db 804 CGTGTGTGTGGTGGGAGAGAGCTCTGTGATCTTGGCTTGGCAGTCAAGCATCCAG 863
QY 222 TyrAspLysGlnHisValCysGlyIleSerIleLeuAspProHisTrpValIleuThrAla 241
Db 864 TACGACAAACAGACGCTGTGAGAGGAGCATCTGACCCCACTGGGCTCTCAAGCA 923
QY 242 AlaHisCysPheArgLysHisPheThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Db 924 GCCCATCTCTCAGAAACATATCCGATGTGTTCACTGGAAGTGGCGGAGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAspPro 281
Db 984 AAACAGGGCAGACTTCCCATCTGCTGTGGCCAAAGATCATCATTAATTAACCCC 1043
QY 282 MetTyrProLysAspAspAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTAACCCAAAGACATGATGCGCTCATGAAAGCTGAGTTCCACTCACTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPheAspGluGluLeuThrProAlaThrPro 321
Db 1104 GGCACAGTCAGGCCCATCTGTCTGCTCTTCTTGAATAGAGGCTCACTCAGCCACCCCA 1163
QY 322 LeuThrIleIleGlyIleGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
Db 1164 CTCTGGATCATGTGATGGGCTTTTACGAACAGATAGAGGAATGCTGACATACG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGAGGCGTCATGTCAGTCACTTGAACAGCACGGGTGCAATGCAAGCATGCTGACAG 1283

QY 362 GlyGlnValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db 1284 GGGGAGTACACGAGAAAGATGATGTGACAGCATCCCGAAAGGGGTGTGACACTGC 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValIleGlyIle 401
Db 1344 CAGGTGACAGATGGTGGGCTCTGATGTAACATCTGACAGTGGCATGTGTGGGCTC 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyIleProSerThrProGlyValTyrThrValSer 421
Db 1404 GTTACTGGGGGTATGTGCTGGGGGGCCGAGACCCAGAGATATACCAAGGTCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
Db 1464 GCTATCTCACTGATCTACAAATGTCTGAAAGGCTGAGCTG 1505
RESULT 92
US-10-011-671A-274
Sequence 274, Application US/10011671A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Bostein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Batton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gutney, Austin L.
APPLICANT: Hallan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C27
CURRENT APPLICATION NUMBER: US/10/011,671A
PRIOR FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099336
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099602
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099642
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099741
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099754
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PRIOR APPLICATION NUMBER: 60/099763
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099792
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099808

PRIOR APPLICATION NUMBER: 60/102240
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102307
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102330
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102331
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102484
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102487
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102570
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102571
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102664
PRIOR FILING DATE: 1998-10-01
PRIOR APPLICATION NUMBER: 60/102687
PRIOR FILING DATE: 1998-10-01
PRIOR APPLICATION NUMBER: 60/102965
PRIOR FILING DATE: 1998-10-02
PRIOR APPLICATION NUMBER: 60/103258
PRIOR FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: 60/103314
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103315
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103328
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103395
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103396
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103401
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103449
PRIOR FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: 60/103453
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103678
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103679
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103711
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/104257
PRIOR FILING DATE: 1998-10-14
PRIOR APPLICATION NUMBER: 60/104987
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105000
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105002
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105104
PRIOR FILING DATE: 1998-10-21
PRIOR APPLICATION NUMBER: 60/105169
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105266
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105633
PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105694
PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105807
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105881
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105882
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/106033
PRIOR FILING DATE: 1998-10-28
PRIOR APPLICATION NUMBER: 60/106029

Alignment Scores:

Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-011-671A-274 (1-2063)

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QY 2 AspProAspSerAspGlnProLeuAenSerLeuAspValLysProLeuArgLysProArg 21
DB 219 GATCCTGACAGATGATCACTTCTGAAACGCTTGATGTAACCCCTGGCAAAACCCCGT 278
QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
DB 279 ATCCCATGAGAGCTTCAGAAAGGTGGGATCCCATCATCATGAGCTACTAGCTG 338
QY 42 AlaSerIleIleIleValValValLeuIleIleValIleLeuAspLysTrpTrpPheLeu 61
DB 339 GCGAGTATCATATGTGTGTGTCTCTCATCAAGGTGATCTGTGATTAATTAATACTTCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspLys 81
DB 399 TCGGGGAGAGCTCTCCACTTCATCCGAGAAAGCAAGCTGTGTGACGAGAGCTGAGCTGT 458
QY 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
DB 459 CCGTTGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 518
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValIleLeuAspSerAlaThrGlyAsnTrp 121
DB 519 GTCCGCTCTCCAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGluMet 141
DB 579 TTCTCTGCTGTTTGACAGACTTCACAGAGCTCTGCTGAGAGAGAGAGAGAGAGAGAGAGAG 638
QY 142 GlyTrpSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
DB 639 GCGTACAGAC-----AGAGCTGTGAGATTGGCCCAAGCCAGAGAGAGAGAGAGAGAGAG 683
QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetAlaGlnSerSerGlyProCys 181
DB 684 GTTGTGAAATCAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
DB 744 CTCTCAGGCTCCCTGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 803
QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProGlnValSerIleGln 221
DB 804 CGTGTGTGGGTGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 863
QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
DB 864 TACAGCAAAAGCAGCTGTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 923
QY 242 AlaHisCysPheArgLysHisIleThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
DB 924 GCCCAGTGGCTTCAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsnPro 281
DB 984 AAATCTGGGAGCTTCCATCTCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1043
QY 282 MetTrpProLysAspAsnAspIleAlaLeuMetLysLeuGlnIleProLeuThrPheSer 301
DB 1044 ATGTACCCCAAGAGATGATGAGCTCTCATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1103
QY 302 GlyThrValArgProIleCysLeuProPheAspGluGluLeuThrProAlaThrPro 321
  
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DB 1104 GGCACAGTCAAGCCCATCTGCTGCTCTCTTGTGATGAGAGAGCTCACTCCAGCACCCCA 1163
QY 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
DB 1164 CTGTGATCATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpGln 361
DB 1224 CTGCAAGGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1283
QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
DB 1284 GGGAGAGTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTrpGlnSerAspGlnTrpHisValValGlyIle 401
DB 1344 CAGGTGACAGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1403
QY 402 ValSerTrpGlyTrpGlyCysGlyProSerThrProGlyValTrpThrLysValSer 421
DB 1404 GTTAGCTGGGCTATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1463
QY 422 AlaTrpLeuAsnTrpIleTrpAsnValTrpLysAlaGluLeu 435
DB 1464 GCCTATCTCAACTGATCTAATGATGTGTGAAAGGCTGAGCTG 1505
  
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RESULT 93

US-10-011-692A-274

Sequence 274, Application US/10011692A

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan L.

APPLICANT: Ferrara, Napoleone

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Guiney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2830P1C30

CURRENT APPLICATION NUMBER: US/10/011,692A

CURRENT FILING DATE: 2001-12-07

Prior application removed - See file Wrapper or Palm

NUMBER OF SEQ ID NOS: 477

SEQ ID NO 274

LENGTH: 2063

TYPE: DNA

ORGANISM: Homo sapiens

US-10-011-692A-274

Alignment Scores:

Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-011-692A-274 (1-2063)

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QY 2 AspProAspSerAspGlnProLeuAenSerLeuAspValLysProLeuArgLysProArg 21
DB 219 GATCCTGACAGATGATCACTTCTGAAACGCTTGATGTAACCCCTGGCAAAACCCCGT 278
QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
  
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QY	122	PheSerAlaCyPheAspAsn	hethrGluAlaLysAlaGluThrAlaCy	ArgGlnMet	141
Db	579	TTCTCTGCTGTTTGACAACTTCAACAAGCTCTGGTGA	CAGCGCTTGAGACAGCTTGAGCAGATG	633	
QY	142	GIYTYrSerSerLy	ProThrPheArgAlaValGluIleGlyPro	ArgGlnAspLeuAsp	165
Db	639	GGCTACAC-----	AGACCTGTGAGATTGGCCCAAGCAGATCTGGAT	683	
QY	182	LeuSerGlySerLeuValSerLeuNH ₂ GlyValLeuAlaCysGly	LySerLeuLyThrPro	201	
Db	744	CTCTCAGGCTCCCTGGTCTTCCCTGACGTCTTCTTCTG	GGAGACCTGGAAGACCCCTC	803	
QY	202	ArgValValGlyGlyGluGluAlaSerValAspSerTrp	ProTrpGlnValSerIleGln	221	
Db	804	CGTGTGGTGGGTGGGAGAGAGCTCTGTGGATTCTTG	GCTTGGCCTTGGACAGGTACACATCCAG	863	
QY	222	TyrAspLyserGlnHisValCysGlyGlySerIleLeuAsp	ProHisTrpValLeuThrAla	241	
Db	864	TACACAAACAGCACGTCTGTGAGGAGACATCCTGAC	CCCCACCTGGGCTCACAGCA	923	
QY	242	AlaHisCysPheArgLySerHisTrpAspValPheAsp	TrpLyserValArgAlaGlySerAsp	261	
Db	924	GCCACATGCTTCAGAGAAACATCCAGATGTTCACTGA	AGAGGTGGGGCAGGCTCAGAC	983	
QY	262	LyserGlySerPheProSerLeuAlaValAlaLyserIle	IleIleIleGlyIupheAspPro	281	
Db	984	AAACTGGGACGCTTCCATCCTGGCTGGGCCAATCAT	CATCATTTAAATTCAACCC	1043	
QY	282	MetTyrProLyserAspAsnAspIleAlaLeuMetLyser	GlnPheProLeuThrPheSer	301	
Db	1044	ATTTACCCCAAGACATGACATCGCCCTCATGAGCTCA	GATTCCTCATTCTGACTTTCTCA	1103	
QY	302	GlyThrValArgProIleCysLeuProPhePheAspGlu	LeuLeuThrProAlaThrPro	321	
Db	1104	GGCAGCAGTCAGGCGCATCTGTCTGCGCTTCTTTGAT	GAGAACTCACTCCACGCCACCCCA	1163	
QY	322	LeuTrpIleIleGlyTrpGlyPheThrLyserGlnAsnGly	GlyLyserMetSerAspIleLeu	341	
Db	1164	CTCTGGATATTGGATGGGGCTTTTGAAAGCAGAAATG	AGGGAATGTCTGACATCTACTG	1223	
QY	342	LeuGlnAlaSerValGlnValIleLeuSerThrArgCys	AsnAlaAspAspAlaLyserGln	361	
Db	1224	CTGCAGGCGTCAAGTCAAGGTCAATTACACAGACA	CAGGTCAATGACAGAGCGTACAG	1283	
QY	362	GlyGluValThrGluLyserMetMetCysAlaGlyIle	ProGlyGluGlyValAspThrCys	381	
Db	1284	GGGGAGATGCACCGAAGATGATGTGTCAAGCATTC	CCGGAAGGGGGGTGTGACACCTGC	1343	
QY	382	GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAsp	GlnTrpHisValValGlyIle	401	
Db	1344	CAGGGTGCAGTGGTGGGCGCCCTGATGACCAATCT	GAACAGTGGCATGTGGTGGGATC	1403	
QY	402	ValSerTrpGlyTyrGlyCysGlyGlyProSerThr	ProGlyValTyrThrLyserValSer	421	
Db	1404	GTTAGCTGGGCTATGGCTGGGGGGCCCGACGCCCA	GAGATGATACCAAGAGTCTCA	1463	
QY	422	AlaTyrLeuAsnTrpIleTyrAsnValTrpValGluLeu	435		
Db	1464	GCCATATCTCACTGGATCTCAATGTCTGGAGGCTA	AGCTG 1505		

```

? APPLICANT: Ferrara, Napoleone
? APPLICANT: Fong, Sherman
? APPLICANT: Gao, Wei-Qiang
? APPLICANT: Goddard, Audrey
? APPLICANT: Godowski, Paul J.
? APPLICANT: Grimaldi, Christopher J.
? APPLICANT: Gurney, Austin L.
? APPLICANT: Hillan, Kenneth J.
? APPLICANT: Pan, James
? APPLICANT: Paoni, Nicholas F.
? TITLE OR INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
? TITLE OR INVENTION: Acids Encoding the Same
? FILE REFERENCE: P2830P1C25
? CURRENT APPLICATION NUMBER: US/10/011,795B
? PRIOR FILING DATE: 2001-12-07
? PRIOR APPLICATION NUMBER: 60/098716
? PRIOR FILING DATE: 1998-09-01
? PRIOR APPLICATION NUMBER: 60/098723
? PRIOR FILING DATE: 1998-09-01
? PRIOR APPLICATION NUMBER: 60/098749
? PRIOR FILING DATE: 1998-09-01
? PRIOR APPLICATION NUMBER: 60/098750
? PRIOR FILING DATE: 1998-09-01
? PRIOR APPLICATION NUMBER: 60/098803
? PRIOR FILING DATE: 1998-09-02
? PRIOR APPLICATION NUMBER: 60/098821
? PRIOR FILING DATE: 1998-09-02
? PRIOR APPLICATION NUMBER: 60/098843
? PRIOR FILING DATE: 1998-09-02
? PRIOR APPLICATION NUMBER: 60/099536
? PRIOR FILING DATE: 1998-09-09
? PRIOR APPLICATION NUMBER: 60/099596
? PRIOR FILING DATE: 1998-09-09
? PRIOR APPLICATION NUMBER: 60/099598
? PRIOR FILING DATE: 1998-09-09
? NUMBER OF SEQ ID NOS: 477
? SEQ ID NO: 274
? LENGTH: 2063
? TYPE: DNA
? ORGANISM: Homo sapiens
US-10-011-795B-274

Alignment Scores:
Pred. No.: 0
Score: 2297.50
Percent Similarity: 98.85%
Best Local Similarity: 98.85%
Query Match: 98.10%
DB: 40
Gaps: 1

US-10-803-530-2 (1-435) x US-10-011-795B-274 (1-2063)
QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
Db 219 GATCCTGACGATGATCACTCTGGAACCTCGAGTCAAAACCCCTGCGAAACCCCGT 278
QY 22 IleProMetClnrthrPheArgLysValGlyIleProIleIleIleValLeuLeuSerLeu 41
Db 279 ATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATATGACACTGAGGCTG 338
QY 42 AlaSerIleIleIleValValValLeuLeuIleValLleLeuAspLysIrrYrPheLeu 61
Db 339 GCGAGTATCATCATTTGTGTCTTCTCATCAAGGTGATTCGGAATAATCTACTTCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
Db 399 TCGGGGACACCTCTCCACTTCATCCCGAGGAAGAGCTGTGTGACGAGAGCTGACTGT 458
QY 82 ProLeuGlyGluAspGlyGlnHisCysValLysSerPheProGluGlyProAlaValAla 101
Db 459 CCGTGGGAGAGAGAGAGACACCTGTCTCAAGAGCTTCCCGAGAGGAGGCTTGAAGTGA 518

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QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
DB 519 GTCCGCTCTTCAAGACCGATCCACTGCGAGTGTCTGAGCTCGGCCACAGGAGCTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
DB 579 TTCTGTGCTCTTTTCGACACTTCAAGAGCTCTCGTGAGACAGCTGTAGGAGCATG 638
QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
DB 639 GGCTACAGC-----AGAGCTGTGGAGATTGGCCAGACAGATCTTGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnGluLeuAspMetArgAsnSerSerGlyProCys 181
DB 684 GTTGTGAATCAACGAAACAGCCAGAGCTTCCAGATCCGAGACTCAAGTGGCCCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
DB 744 CTCTCAGGCTCCCTGTGTCTCCCTGCACTGTCTGTGCGGAAAGAGCTGAAAGACCC 803
QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProGlnValSerIleGln 221
DB 804 CGTGTGGTGGTGGGAGAGAGGCTCTGTGATCTTGAGCTTGAGCTGAGCATCCAG 863
QY 222 TyrAspLysGlnHisValCysGlyLysSerIleLeuAspProHisTrpValLeuThrAla 241
DB 864 TACGACAAACAGCAGCTGTGTGAGAGAGCATCTGAGACCCCACTGGTCTCTCAAGGA 923
QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValAlaArgLysSerAsp 261
DB 924 GCCCACTCTTCAGAAACATACCCATGTCTTCACTGAGAGTCCGGGAGGCTCAAGC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
DB 984 AAACGGGAGAGCTTCCATCCCTGTGGCTGTGGCCAGATCATCATGAAATTCAACCCC 1043
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
DB 1044 ATGTACCCCAAGAAAGATGACATCCCTCATGAGAGCTGACATCTCCACTCACTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGlnGluLeuThrProAlaThrPro 321
DB 1104 GGCAAGTCAAGGCCCATCTGTCTGCTCTTGTGATGAGAGACTCACTCAAGCCACCA 1163
QY 322 LeuTrpIleIleGlyTyrGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
DB 1164 CTCTGATCATTTGATGGGCTTTACGAGAGCAAGATGAGAGGAGATGTCTGACATACTG 1223
QY 342 LeuGlnAlaSerValGlnValIleLeuAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
DB 1224 CTGCAAGGCTCAGTCCAGGTCTGATTGACAGACACGGTGCATGACAGACGATCCGAC 1283
QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
DB 1284 GGGGAAGTCAACGAGAGATGATGATGAGGAGATCCCGAAGGGGGGTGTGACACTTCC 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401
DB 1344 CAGGGTGAACAGTGTGGGCTCCGTGATGTCAATCTGACAGTGGCATGTGTGGGCTC 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
DB 1404 GTTACCTGGGGCTATGCTGCGGGGGCCCGAGAGACCCCGAGAGTATACCAAGGCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
DB 1464 GCCTATCTCACTGATCTAAGATGTCTGGAAGGCTGAAGCTG 1505

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RESULT 96
 US-10-012-101B-274
 ; Sequence 274, Application US/10012101B
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.

```

; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godward, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C6
; CURRENT APPLICATION NUMBER: US/10/012.101B
; CURRENT FILING DATE: 2001-12-06
; Prior application removed - See file wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 274
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-012-101B-274

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 5
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-012-101B-274 (1-2063)
QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
DB 219 GATCTGACAGTATCAACTTCAAGCTTCAAGCTTCAAGCTTCAAGCTTCAAGCTTCAAG 278
QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
DB 279 ATCCCATGAGAGACCTTCAAGAGAGTGGGATCCCATCATCATATGACATCATGAGCTG 338
QY 42 AlaSerIleIleIleValValValLeuIleLysValIleLeuAspLysTyrTrpPheLeu 61
DB 339 GCGAGTATCATCATTTGTGTGTCTCTCATCAAGGATGATCTGGAGTAATTAATTAATCT 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
DB 399 TCGGGAGAGCTTCTCACTTCACTTCACTTCACTTCACTTCACTTCACTTCACTTCACT 458
QY 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
DB 459 CCGTTGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 518
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
DB 519 GTCCGCTCTTCAAGACCGATCCACTGCGAGTGTCTGAGCTCGGCCACAGGAGCTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
DB 579 TTCTGTGCTCTTTTCGACACTTCAAGAGCTCTCGTGAGACAGCTGTAGGAGCATG 638
QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
DB 639 GGCTACAGC-----AGAGCTGTGGAGATTGGCCAGACAGATCTTGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnGluLeuAspMetArgAsnSerSerGlyProCys 181
DB 684 GTTGTGAATCAACGAAACAGCCAGAGCTTCCAGATCCGAGACTCAAGTGGCCCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201

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Db      744  CTTGAGGCTCCCTGCTCTCCCTGACATGCTTGTGGAGAGAGGCTGAAGACCCCC
QY      202  ArgValValGlyGlyGluGluAlaSerValAspSerTrpProGlnValSerIleGln
Db      804  COTGGTGGGTGGGAGAGAGCCCTCTGATTCCTTGGAGGTGAGATCAG
QY      222  TyrAspGlySerGlnHisValCysGlyGlySerIleLeuAspProHisTrpValIleThrAla
Db      864  TACGACAAACAGCAGCTGTGTGAGAGGAGCATCCCTGACCCCTGCTGCTCCAGGCA
QY      242  AlaHisCysPheAspGlySerHisThrAspValPheAsnTrpLysValAlaGlySerAsp
Db      924  GCCCACTGCTTCAGAGAAACATACCGATGTGTTCACTGAGAGGTGGGAGGCTCAGAC
QY      262  LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro
Db      984  AATCTGGGAGCTTCCATCCCTGCTGTGGCCAAAGATCATCATCATTAATTCACACCC
QY      282  MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer
Db      1044  ATGTACCCCAAGACATGATGATGCTCATAGATGCAAGTTCAGTCCACTCTTCTCA
QY      302  GlyThrValArgProIleCysLeuProPhePheAspGlyGluLeuThrProAlaThrPro
Db      1104  GGCACATCAGGCGCCATCTGTGCTCTTGTGATGAGAGCTCACTCCAGCCACCCA
QY      322  LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu
Db      1164  CTTGTATCATTTGATGGGCTTTACGAAAGAAATGAGAGAGATGTCTGACATACATG
QY      342  LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln
Db      1224  CTGCAAGCGCTCAGTCCAGGTCAATTGACAGACACGCTGCAATCCAGATCGATACAG
QY      362  GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyValAlaAspThrCys
Db      1284  GGGAGATGACCGAAGATGATGTGTGACAGCATCCCGAAGGGGGTGGACACTGC
QY      382  GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle
Db      1344  CAGGGTGACAGTGTGGGCTCCCTGATGTCACATCTGACAGTGGCATGTGTGGGATC
QY      402  ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer
Db      1404  GTTACTGCGGCTATGCTGCGGGGCGCCGAGCACCCAGAGATATACCAAGTCTCA
QY      422  AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu
Db      1464  GCTATCTCACTGATCTACATGTCTGGAAGGCTGAGCTG
RESUT  97
US-10-012-121A-274
; Sequence 274, Application US/10012121A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Borstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Batton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gutney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P839P1C20
; CURRENT APPLICATION NUMBER: US/10/012,121A

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; CURRENT FILING DATE: 2001-12-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 274
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-012-121A-274

Alignment Scores:
Pred. No.: 0
Score: 2297.50
Percent Similarity: 98.85%
Best Local Similarity: 98.85%
Query Match: 98.10%
Db: 40

US-10-803-530-2 (1-435) x US-10-012-121A-274 (1-2063)
QY      2  AspProAspSerAspGlnProLeuAsnSerLeuAspValIysPheLeuArgLysProArg
Db      219  GATCTGACGTGATGATCAACCTTGAAACAGCCTGATGTCAAAACCCCTGGCAAAACCCGT
QY      22  IleProMetGlnThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu
Db      279  ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCATATGACACTGACCTGAGCCTG
QY      42  AlaSerIleIleIleValValIleLeuIleLysValIleLeuAspLysTyrTyrPheLeu
Db      339  GCGAGTATCATCATGTGTGTTGCTTCATCAAGTGATTCGTGAATTAATTAATTCCTCTC
QY      62  CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys
Db      399  TCGGGGAGCCTTCACATTCACCCGAGAAACACTGTGTGAGAGAGAGCTGAGACTGT
QY      82  ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla
Db      459  CCTTGGGGAGAGACAGAGAGCACTGTGTCAAGACTTCCCGAAGGGGCTGGCACTGG
QY      102  ValArgLeuSerLysAspArgSerThrLeuGlnValIleAspSerAlaThrGlyAsnTrp
Db      519  GTCCGCTCTCCAGAGACCGATCCACACTGACAGGTGTGACTGCGCCACAGGAACTCG
QY      122  PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGluThrAlaCysArgGluMet
Db      579  TTCTGTGCTGTGTGACAACTTCACAGAGCTCTCGTGAGACAGCTTGAGGCAATG
QY      142  GlyTyrSerSerLysPheProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp
Db      639  GCGTACAGC-----AGAGCTGTGAGATTTGGCCCAAGACAGAGATCTGGAT
QY      162  ValValGluIleThrGluAsnSerGlnIleuLeuArgMetArgAsnSerSerGlyProCys
Db      684  GTTGTGTAATCAGAGAAACAGCCAGAGCTTGCAATGCGAACTCAAGTGGGCTCTGT
QY      182  LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro
Db      744  CTTGAGGCTCCCTGCTCTCCCTGACATGCTTCCCTGTGGAGAGACTGGAAGACCCCC
QY      202  ArgValValGlyGlyGluGluAlaSerValAspSerTrpProGlnValSerIleGln
Db      804  COTGGTGGGTGGGAGAGAGCCCTCTGATTCCTTGGAGGTGAGATCAG
QY      222  TyrAspGlySerGlnHisValCysGlyGlySerIleLeuAspProHisTrpValIleThrAla
Db      864  TACGACAAACAGCAGCTGTGTGAGAGGAGCATCCCTGACCCCACTGGGTCTCAGGCA
QY      242  AlaHisCysPheAspGlySerHisThrAspValPheAsnTrpLysValAlaGlySerAsp
Db      924  GCCCACTGCTTCAGAGAAACATACCGATGTGTTCACTGAGAGGTGGGAGGCTCAGAC
QY      262  LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro

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Db 984 AACTG6GACGCTTCCATCCCTGGCTGGCCAAAGATCATCATTAATCAACCCC 1043
 Qy 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 Db 1044 ATGTACCCCAAGACATGACATGCGCCCTCATGAGCGAGTTCCCACTTCTCA 1103
 Qy 302 GlyThrValArgProIleCysLeuProPhePheAspGlnLeuThrProAlaThrPro 321
 Db 1104 GGCACAGTCAGGCCCATGTGTGCTCTTGTATGAGAGCTCATCTCCAGCCACCCCA 1163
 Qy 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
 Db 1164 CTCTGGATCATTTGATGGGGCTTTACGAGACGAATGAGGGGAAGATGTCTGACATACG 1223
 Qy 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 Db 1224 CTGCAAGGGCTGACGTCAGATGATGACAGCACACCGTTCATATGACAGATGCGGACAG 1283
 Qy 362 GLYGluValThrGluLysMetMetCysAlaGlyIleProGlnGlyValAspThrCys 381
 Db 1284 GGGGAGTCACCGAGAGATGATGTGTGACAGCATCCGAGAGGGGGTGTGACACCTGC 1343
 Qy 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401
 Db 1344 CAGGATGACATGTGTGGGCGCCCTGATGTACCAATGTACAGTGGCATGTGGTGGCATC 1403
 Qy 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
 Db 1404 GTTAGCTGGGCTATGCTGCTGGGGGGGGCCGAGCACCCGAGGTATACCAAGGTCTCA 1463
 Qy 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGlnLeu 435
 Db 1464 GCCTATCTCACTGATCTACATGTCTGAGAGGCTGAGCTG 1505
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 RESULT 98
 US-10-012-137A-274
 ; Sequence 274, Application US/10012137A
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; TITLE REFERENCE: P2830P1C29
 ; CURRENT APPLICATION NUMBER: US/10/012,137A
 ; PRIORITY FILING DATE: 2002-06-25
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 477
 ; SEQ ID NO 274
 ; LENGTH: 2063
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-10-012-137A-274

Alignment Scores:
 Pred. No.: 0
 Score: 2297.50
 Percent Similarity: 98.85%
 Best Local Similarity: 98.85%
 Query Match: 98.10%
 DB: 40

Length: 2063
 Matches: 429
 Conservative: 0
 Mismatches: 0
 Indels: 5
 Gaps: 1

US-10-803-530-2 (1-435) x US-10-012-137A-274 (1-2063)
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 Db 219 GATCTGACGTGATCAACCTTGAACAGCTTCATGATCAACCCCTCGGCAAAACCCCT 278
 Qy 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
 Db 279 ATCCCATGAGAGACTTCAGAAAGTGGGATCCCATCATCATATAGCATCTAGGCTG 338
 Qy 42 AlaSerIleIleIleValValLeuIleLysValIleLeuAspLysTyrTyrPheLeu 61
 Db 339 GCAGATATCATATTGTGTGTCTCTCATCAAGGTGATTTCTGTGAATAATACTACTTCTC 398
 Qy 62 CysGlyGlnProLysHisPheIleProArgLysGlnLeuCysAspGlyGlnLeuAspCys 81
 Db 399 TGCAGGAGCTCTTCACCTTATCCGAGAAAGAGCTGTGTGACGAGAGAGCTGACTGT 458
 Qy 82 ProLeuGlyGluAspGlnGluHisCysValLysSerPheProGlnGlyProAlaValAla 101
 Db 459 CCTTGGGGAGAGACAGAGAGCATGTGTCAAGAGCTTCCCGAAGGGCTGCACTGCA 518
 Qy 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrLysAsnTrp 121
 Db 519 GTCCGCTCTCCAAAGAACCATCCACATGCAAGGTGTGCTGAGCTGGCCACAGGAACTGG 578
 Qy 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGluTrpAlaCysArgGlnMet 141
 Db 579 TTCTCTGCTTTTCGACAACTTCAAGAACTCTCGTGAACAGCTGTAGGAGAGTGG 638
 Qy 142 GlyTyrSerSerLysProThrPheArgAlaValAlaGluIleGlyProAspGlnAspLeuAsp 161
 Db 639 GGCCTACAC-----AGACTGTGAGATGTGGCCAGACAGAGATGTGAT 683
 Qy 162 ValValGluIleThrGluAsnSerGlnLeuLysMetArgAsnSerSerGlyProCys 181
 Db 684 GTTGTGAAATCACAGAAACAGCAGGAGCTTGCATGCGGAATCAAGTGGGCTGTGT 743
 Qy 182 LeuSerGlySerLeuValSerLeuHisCysAlaLeuAlaCysGlyLysSerLeuLysPhePro 201
 Db 744 CTCTCAGGCTCCCTGCTCTCTCTCACTGTGTGTGTGAGAGAGCTTGAAGACCTCAAGCCCTC 803
 Qy 202 ArgValValGlyGlyGlnGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
 Db 804 CGTGTGTGGGTGGAGAGAGAGCTCTGTGATTTCTTGGCTTGGCAGTCAAGATCCAG 863
 Qy 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
 Db 864 TACGACAAACAGCAGCTGTGTGAGAGGAGATCCGAGCCCACTGGGTCTCTCAGGCA 923
 Qy 242 AlaHisCysPheAspGlyValHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
 Db 924 GCCCACTCTTCAGAGAAACATACCATGTGTGTCACTGAAAGGTGCGGAGGCTCAAGC 983
 Qy 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsnPro 281
 Db 984 AAATCGGCGAGCTTCCATCCCTGTGCTGTGGCAGAGATCATCATATGATTTCAACCCC 1043
 Qy 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 Db 1044 ATGTACCCCAAGACATGACATGCGCCCTCATGAGCGAGTTCCCACTTCTCA 1103
 Qy 302 GlyThrValArgProIleCysLeuProPhePheAspGlnLeuThrProAlaThrPro 321
 Db 1104 GGCACAGTCAGGCCCATGTGTGCTCTTGTATGAGAGCTCATCTCCAGCCACCCCA 1163
 Qy 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
 Db 1164 CTCTGGATCATTTGATGGGGCTTTACGAGACGAATGAGGGGAAGATGTCTGACATACG 1223
 Qy 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 Db 1224 CTGCAAGGGCTGACGTCAGATGATGACAGCACACCGTTCATATGACAGATGCGGACAG 1283

QY 362 GlyIuValThrgluysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db 1284 GGGAGACTCACCGAAGATGATGTGACAGCATCCCGAAGGGGTGTGACACTTCG 1343
QY 382 GInGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValAlaGlyIle 401
Db 1344 CAGGGTACAGTGTGGGCCCTGATGTACCATCTGACAGTGGCATGTGTGGGATC 1403
QY 402 ValSerTrpGlyIleTyrGlyCysGlyGlyProSerThrProGlyValIleTyrThrIleValSer 421
Db 1404 GTTAGCTGGGGCTATGTGCTGGGGGGCCGAGCAGCCCGAGAGTATACCAAGGCTCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTTrpLysAlaGluLeu 435
Db 1464 GCTATCTCAACTGATCTACATGTCTGGAAAGGCTGAGCTG 1505
RESULT 99
US-10-012-149A-274
; Sequence 274, Application US/10012149A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PLC26
; CURRENT APPLICATION NUMBER: US/10/012.149A
; PRIOR FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 274
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-012-149A-274
Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
Gaps: 1
US-10-803-530-2 (1-435) x US-10-012-149A-274 (1-2063)
QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIleAspProLeuArgLysProArg 21
Db 219 GATCTTACAGTGTATCAACCTCTGAAACAGCTCGATGTCAAAACCCCTGGCCAAACCCCGT 278
QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuSerLeu 41
Db 279 ATCCCATGAGACCTTTCAGAAAGTGGGATCCCATCATCATACATACACTGAGACCTCG 338
QY 42 AlSerIleIleIleValAlaValIleuIleValIleuAspLysTyrTyrPheLeu 61
Db 339 GCGAGTATCATATTGTTGTCCTCATCAGAGTATTTGTGAATAATCTACTTCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyIleLeuAspCys 81
Db 399 TGGGGGAGCTCTTCACTTCATCCGAGGAAACAGCTGTGTGACGAGAGCTGAGCTGT 458

QY 82 ProLeuGlyGluAspGluGluHisCysValIleSerPheProGluGluIleProAlaValAla 101
Db 459 CCTTGGGGGAGACAGAGACATGTGTTCAGAAAGCTTCCCGAAGGGCTGTGACGTGCA 518
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTCAAGGACCGATCCACATGCAAGTGTCTGGAAGCTGGCCACAGGAACTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 579 TTCTCTGCTGTTCAGCAACTTCAGAAAGCTTGTGCTGAGACACCTGTATGGCGAAGT 638
QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCTACAGC-----AGAGCTGTGAAATTTGGCCACAGACGATCTGGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTGAATTCACAGAAACAGCCAGAGCTTCGCATGCGGAACCTCAAGTGGGCCCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIleSerLeuThrPro 201
Db 744 CTCTAGGGCTCCCTGGTCTCCCTGACATGTCTTGCTGTGGAAAGCTGAAAGCCCC 803
QY 202 ArgValAlaGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db 804 CGTGTGTGGGTGGGAGAGGCTCTGTGATCTTGGCTTGGCAGAGTCAAGCATCCAG 863
QY 222 TyrAspLysGlnHisValCysGlyIleSerIleLeuAspProHisIleTrpValLeuThrAla 241
Db 864 TACGAAACAGACAGCTGTGTGAAGAGACATCTGAGACCCCACTGGGTCTTCAACGCGCA 923
QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Db 924 GCCCACTGCTTCAGGAACATACCATGTGTTCAATCGAAGGTGCGGAGGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaValIleIleIleGluPheAsnPro 281
Db 984 AATCTGGGAGCTTCCATCCCTGTGTGGCCAGAGATCATCATTAATGAAATTCACCCC 1043
QY 282 MetTyrProLysAspAspAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGAAAGAAAGATGATGCGCTCATGAAGCTGAGATTCACATCTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
Db 1104 GGCACAGTCAGGCCCATCTGTCTGCTCTTGTATGAGAGCTCACTCCAGCACCCCA 1163
QY 322 LeuTrpIleIleGlyTyrGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
Db 1164 CTCTGATCATTTGATGTGGGCTTTTACAAAGCAATGTAGAGAAAGATGTGACATATCTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGCAGGGGTACAGTCCAGTCAATGACAGCACAGGTGCATGACAGCGATGGTACAG 1283
QY 362 GlyIuValThrgluysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db 1284 GGGAGACTCACCGAAGATGATGTGACAGCATCCCGAAGGGGTGTGACACTTCG 1343
QY 382 GInGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValAlaGlyIle 401
Db 1344 CAGGGTACAGTGTGGGCCCTGATGTACCATCTGACAGTGGCATGTGTGGGATC 1403
QY 402 ValSerTrpGlyIleTyrGlyCysGlyGlyProSerThrProGlyValIleTyrThrIleValSer 421
Db 1404 GTTAGCTGGGGCTATGTGCTGGGGGGCCGAGCAGCCCGAGAGTATACCAAGGCTCTCA 1463
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Db 1464 GCTATCTCAACTGATCTACATGTCTGGAAAGGCTGAGCTG 1505

RESULT 100
 US-10-012-237A-274
 ; Sequence 274, Application US/10012237A
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan I.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2830P1C21
 ; CURRENT APPLICATION NUMBER: US/10/012,237A
 ; CURRENT FILING DATE: 2002-06-10
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 477
 ; SEQ ID NO 274
 ; LENGTH: 2063
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-10-012-237A-274

Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 Gaps: 1

US-10-803-530-2 (1-435) x US-10-012-237A-274 (1-2063)

QY	2	AspProAspSerAspGlnPheLeuAsnSerLeuAspValIlePheProLeuArgLysProArg	21
DB	219	GATCTGACAGTGAACCACTCTGAAACAGCTCGATGCAACCCCTGGCAACCCCT	278
QY	22	IleProMetGluThrPheArgLysValGlyIleProIleIleIleIleLeuLeuSerLeu	41
DB	279	ATCCCATGAGAACCTTCAGAAAGGTGGGATCCCATCATCATGACACTGAGCCCTG	338
QY	42	AlaSerIleIleIleValIleValIleLeuIleValIleLeuAspLysPheTyrPheLeu	61
DB	339	GGAGATATCATATGATGTGTGTCTCATCAAGTGAATCTGATTAATTAATTAATCTTCTC	398
QY	62	CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys	81
DB	399	TCCGGGACAGCTCTCTCACTTCATCCCGAAGAACAGCTGTGACGAGAGCTGACTGT	458
QY	82	ProLeuGlyGlnAspGluIleHisCysValIleSerPheProGluGlyProAlaValAla	101
DB	459	CCCTGGGGGAGAGACAGAGAGCACTGTGCAAGAGCTTCCCGAAGGCGCTGCAGTGGCA	518
QY	102	ValAlaGluSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp	121
DB	519	GTCCGGCTCTCCAGAGCAGATCCACACGCAAGTCTGACTCGGCGCACAGGGAATCG	578
QY	122	PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGluThrAlaCysArgGlnMet	141
DB	579	TTCCTGCTGCTGTTTCCAACTTCAAGAGCTCTGCTGAGACAGCTCTGAGCAGAG	638
QY	142	GlyTyrSerSerLysPheProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp	161
DB	639	GGCTACAGC-----AGAGCTGTGAGATGGCCCAAGACAGATCTGAT	683

QY	162	ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys	181
DB	684	GTCTTGAATATCAGAAACAGCAGAGAGTTTGCAATGGCACTCAAGTGGGCGCTGT	743
QY	182	LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro	201
DB	744	CTTCAGGCTCCCTGCTCTCCCTGCTCACTGTCTTCCCTGGGGAAGAGCTGAAACCCCTC	803
QY	202	ArgValValGlyGlyGluGlnAlaSerValAspSerTrpProTrpGlnValSerIleGln	221
DB	804	CGTGTGTGTGGTGGAGAGAGCCCTGTGTGATTTCTTGCTGGCAGGTGACGATCCAG	863
QY	222	TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla	241
DB	864	TACACAAACAGACAGCTGTGTGAGAGAGCATCTGACACCCCACTGGGTCTTCAAGGCA	923
QY	242	AlaHisCysPheArgLysHisLeuAspValPheAsnTrpLysValArgAlaGlySerAsp	261
DB	924	GCCCACTGCTTCAAGAAACATACCGATGTGTTCAACTGGAAGTGGCGGAGCTCAGAC	983
QY	262	LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsnPro	281
DB	984	AACTGGGCACTTCCCATCCCTGCTGTGGCCAAAGATCATCATCATTTGAATTCAACCCC	1043
QY	282	MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer	301
DB	1044	ATGTACCCCAAGCAAGCAATGATGCTCATGAAAGCTGACATTCACATCTTCTCA	1103
QY	302	GlyThrValArgProIleCysLeuProPheAspGluGluLeuThrProAlaThrPro	321
DB	1104	GCACAGTCAAGCCCATTTGTCTGCTCTTGTATGAGAGCTCATCTCCAGCCCA	1163
QY	322	LeuTrpIleIleGlyTyrPheThrLysGlnAsnGlyLysLysMetSerAspIleLeu	341
DB	1164	CTCTGATCATTTGATGGGGCTTTTACAGACGAATGAGAGGAAGATGTGACATCTG	1223
QY	342	LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln	361
DB	1224	CTGCAGGGGTCAAGTCAAGTCAATGACAGCACGCTGCATGACAGAGATCCGTAACG	1283
QY	362	GlyGlyValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys	381
DB	1284	GGGGAAGTCAACGAGAAATGATGTGTCAAGGATCCCGAAGGGGTGTGACACCTGC	1343
QY	382	GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle	401
DB	1344	CAGGCTGACAGTGTGGGCGCCCTGATGACCAATGTACAGAGTGCATGTGTGGGATC	1403
QY	402	ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer	421
DB	1404	GTTAGCTGGGGCTATGGCTGGCGGGGCCCGAGCACCCCAAGAGTATACACCAAGGTCTCA	1463
QY	422	AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu	435
DB	1464	GGCTATCTCAACTGATCTTACAAATGTCTGAAAGGCTGAGCTG	1505

RESULT 101
 US-10-012-752A-274
 ; Sequence 274, Application US/10012752A
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan I.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Pan, James

```
/ APPLICANT: Paoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2830P1C24
/ CURRENT APPLICATION NUMBER: US/10/012,752A
/ PRIOR APPLICATION REMOVED - See File Wrapper or Palm
/ SEQ ID NO 274
/ LENGTH: 2063
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-012-752A-274

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-012-752A-274 (1-2063)

QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIysProLeuArg 21
Db 219 GATTCGACGATGATTAACCTCTGACAGACCTGAGTCAAAACCCCTGGCAACCCCGT 278
QY 22 LLeProMetGluThrPheArgIysValGlyIleProIleIleIleAlaLeuSerLeu 41
Db 279 ATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATATGACACTAGACCTTG 338
QY 42 AlaSerIleIleIleValIleValIleValIleValIleValIleValIleValIle 61
Db 339 GCGAGTATATATATGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTT 398
QY 62 CysGlyGlnProLeuHisPheIleProArgIysGlnLeuCysAspGlyGlnLeuAspCys 81
Db 399 TCCGGGCGAGCCCTCTCACTTCAATCCCGAGAGACGCTGTGTGTGTGTGTGTGTGTGT 458
QY 82 ProLeuGlyGlnAspGluGluHisCysValIysSerPheProGluGlyProAlaValAla 101
Db 459 CCGTTGGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 518
QY 102 ValArgLeuSerIysAspArgSerThrLeuGlnIleValLeuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTCCAGAGACCGAATCCACACTGCAAGGTGCTGCACTGGCCACAGGGAAGTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 579 TTCTCTGCTGTTTGCACAACTTCAACAGAGCTTCCCTGAGACAGCTGTAGGCAAGATG 638
QY 142 GlyIysSerSerIysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGGTACAGC-----AGAGCTGTGAGATTTGGCCCAAGACCAAGATCTGGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnIleLeuArgMetArgAsnSerSerGlyProCys 181
Db 684 GTTATTAAATACAGAAACAGCCAGAGAGCTTCCGATGCGAATGCGAATCAATGAGCCCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIysSerLeuIysThrPro 201
Db 744 CTCCTCAAGCTCCCTGCTCCCTGCACTGTCTGCTGAGAAAGAGCTTGAAGACCCCTCC 803
QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProIleValIleSerIleGln 221
Db 804 CGTGTGGTGGTGGGAGAGAGAGCTCTGTGATTTCTTGAGCTTGAGAGAGAGAGAGAGAG 863
QY 222 TyrAspIysGlnHisValCysGlyIysSerIleLeuAspProHisIleTrpValIleThrAla 241
Db 864 TAGGACAAACAGACGCTCTGTGAGAGAGAGATCTGACCCCACTGGGCTCTCAAGGCA 923
QY 242 AlaHisCysPheArgIysHisIleThrAspValPheAsnTrpIysValArgAlaGlySerAsp 261
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Db 924 GCCACTCTCTCAGAGAAACATACGATGTGTCAACTGAGAGGTGGCGGAGGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaIleIleIleIleIleGluPheAsnPro 281
Db 984 AAACGGGAGCTTCCCATCCCTGGCTGTGGCCAAAGATCATCATTAATTCACACCCC 1043
QY 282 MetTyrProIysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGACAAATGACATCGCCCTCATCAAGCTGACATGCCACTCATCTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPheAspGlnGluLeuThrProAlaThrPro 321
Db 1104 GGCACATGACAGGCCATCTCTGTGCTTCTTGTATGAGAGAGCTCACTCAGCCACCCCA 1163
QY 322 LeuTrpIleIleGlyTrpGlyPheThrIlyGlnAsnGlyGlyLysMetSerAspIleLeu 341
Db 1164 CTCTGATTCATTTGATGGGCTTTACGAAAGCAATGAGAGGAGAAATGTCTGACATCTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAlaTrpGln 361
Db 1224 CTGAGGCGTCAAGTCCAGATTCATTCACACACAGCGTGCATGACAGATCGTACAG 1283
QY 362 GlyIleValThrGluIysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db 1284 GGGAGAGTCAACGAGAAATGATGTGTGACGCAATCCGAAAGGGGGGTGGACCTGC 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValIleGlyIle 401
Db 1344 CAGGTGACAGATGTGGGCTCCCTGATGTACCAATGTGACAGTGCATGTGGTGGCATC 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyGlyIysProSerThrProGlyValIleThrLysValSer 421
Db 1404 GTTAGCTGGGCTTAGCTGCTGCGGGGCCCGAGCACCCCAAGAGATTAACCAAGGTCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpIysAlaGluLeu 435
Db 1464 GCCTATCTCACTGGATCTACATGTCTGGAAGGCTGAGCTG 1505

RESULT 102
US-10-012-753A-274
/ Sequence 274, Application US/10012753A
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desmoyers, Luc
/ APPLICANT: Eaton, Dan I.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2830P1C17
/ CURRENT APPLICATION NUMBER: US/10/012,753A
/ PRIOR APPLICATION REMOVED - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 274
/ LENGTH: 2063
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-012-753A-274

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
```

Percent Similarity:	98.85%	Conservative:	0
Best Local Similarity:	98.85%	Mismatches:	5
Query Match:	98.10%	Indels:	0
DB:	40	Gaps:	1

US-10-803-530-2 (1-435) X US-10-012-753A-274 (1-2063)

Oy	2	hAPPpRoAspSerAspGlnProLeuanserLeuAspValLysProLeuargLysProAsp	21
Db	219	GAATCTGACATGATATCAACTCTGAAACAGCCTCGATGTCAACCCCTGGCAACCCCGT	278
Oy	22	ILeProMetGluThrPheargLysValGlyIleProIleIleIleLeuLeuSerLeu	41
Db	279	ATCCCATGTGAGACCTTCAGAAAGGTGGGGATCCCATCATATAGCACTACTGAGCCCTG	338
Oy	42	AlAserIleIleIleValValLeuIleLysValIleLeuAspLysThrLysPheLeu	61
Db	339	GCGATATCATCATATTGGTGTTCCTCATCAAGGTATTTCTGGATTAATCATCTTCTTC	398
Oy	62	CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyLulLeuAspCys	81
Db	399	TGGGGGAGAGCCCTCCACCTTACCTCCGAGGAAGAGCTGTGTGACGAGAGCTGACCTGT	458
Oy	82	ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla	101
Db	459	CCCTTGGGGGAGAGAGAGAGACCTGTGTCAAGAGCTTCCCGAAGGGCTCGAGTGGCA	518
Oy	102	ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp	121
Db	519	GTCGCCCTCTCCAAAGAACCATTCACACTGTGCAAGTCTGATCTGGCCACAGGAACTGG	578
Oy	122	PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet	141
Db	579	TTCTCGCCTGTTTGGACAACTTCAACAAGAGCTCTGCTGAGACAGCCTGTGAGGAGATG	638
Oy	142	GlyTrpSerSerLysProThrPheargAlaValGluIleGlyProAspGlnAspLeuAsp	161
Db	639	GGCTACAGC-----AAGAGCTGTGAGATTTGGCCCAACAGAGATCTGGAT	683
Oy	162	ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys	181
Db	684	GTTGTGTGAATACAGAAATAACAGCCAGAGGCTTGCATGGGAACTCAAGTGGGCCCTGT	743
Oy	182	LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro	201
Db	744	CTCTAGAGGCTCCCTGGTCTCCCTGCACTGTCTTGGCTGTGGGAAGAGCCTGAAGACCCC	803
Oy	202	ArgValAlaGlyGlyGluGlnLysAspValAspSerTrpProTrpGlnValSerIleGln	221
Db	804	CGTGTGTGTGGTGGGAGAGAGGCTCTGTGTGATTTCTTGGCTTGGAGGTGAGACATCCAG	863
Oy	222	TrpAspLysGlnHisValCysGlyGlySerIleLeuAspProHisIleTrpValLeuThrAla	241
Db	864	TACGACAAACAGACGCTGTGTGAGGAGAGCATCTGACCCCACTGGGCTTCAAGGCA	923
Oy	242	AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp	261
Db	924	GCCCACTGTCTTACGAGAAACATACATGCTTCACTGGAAGGTGTGGGAGAGGCTCAGAC	983
Oy	262	LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsnPro	281
Db	984	AAACTGGGAGCTTCCCATCCCTCGGCTGTGGCCAAAGTATCATCATGTAATTCAACCCC	104
Oy	282	MetTrpProLysAspAsnAspIleAlaLeuMetLysLeuGlnAsnPheProLeuThrPheSer	301
Db	1044	ATGTATCCCAACAAACATATGATTCGCTCATAGAGTGAAGTTCACATCTCATCTTCTCA	1104
Oy	302	GlyThrValArgProIleCysLeuProPhePheAspGluLulLeuThrProAlaThrPro	321
Db	1104	GCGACAGTACAGGCCCATCTGTGTGTGGCTTCTTTGATGAGGAGGCTCATCCAGGCCACCA	1164
Oy	322	LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu	341

Db	1164	CTCTGATCAATGGATGGGGCTTTACAGACAGAAATGAGGGGAAGATGTCGACATCACTG	12233
Qy	342	LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln	361
Db	1224	CTGAGAGCGTACAGTCCAGGTATATGACACACAGGTGCATATGACAGATGCTGACAG	12833
Qy	362	GlyValValThrGlnLysMetMetCysAlaGlyIleProGlnGlyValAspPheCys	381
Db	1284	GGGGAATCAACCGAGAGATGATGTGTGCAGAGCATCCGGAAAGGGGGGTGTGACACCTGC	13433
Qy	382	GlnGlyAspSerGlyIleProLeuMetTyrGlnSerAspGlnTTPHISValValGlyIle	401
Db	1344	CAGGTACAGTGGTGGGCCCTCTGATGACCAATCTGACAGTGGCATGTGTGGCATC	14033
Qy	402	ValSerTrpGlyTyrGlyCysGlyIleProSerThrProGlyValTyrThrLysValSer	421
Db	1404	GTTAGTGGGGCTATGAGCTGGCGGGGGCCGACGACCCACGAGATATACACCAAGTCTCA	14633
Qy	422	AlaTyrLeuLeuMetPheTyrAsnValTyrPheValGlnLeu	435
Db	1464	GCCATATCTCACTGATCTCAACATGTCTGGAAGGCTAGCTG	1505

RESULT 103
US-10-012-754A-274

; Sequence 274, Application US/10012754A
; GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan L.

APPLICANT: Fond, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Goddard, Audrey
ADDRESSEE: Godowsky, Paul

APPLICANT: Grimaldi, Chris

APPLICANT: Gurney, Austin

APPLICANT: Hillan, Kenneth
APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas

TITLE OF INVENTION: Secreted
TITLE OF INVENTION: Acids

FILE REFERENCE: P2830P1C18

CURRENT APPLICATION NUMBER:

Prior Application removed
CURRENT FILING DATE: 2002-
;

NUMBER OF SEQ ID NOS: 477

; SEQ ID NO 274
LENGTH: 3063

LENGTH: 2003
TYPE: DNA

ORGANISM: *Homo sapiens*

US-10-012-754A-274

Alignment Scores:

Pred. No.:	0
0007	

Score: 2291.00
Percent Similarity: 98.854

Best Local Similarity: 98.85%

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Query Match: 98.104
DB: 40
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10

US-10-803-530-2 (1-435) x US-1

2 ASPProASPSeRAp0

[illegible]

DB 219 GATTCGACAGCGAT

22 IlePrometGluThri

279 ATCCCAATGCAAGACCT

2 / 22

QY 42 Alaserlellele

100

Db 339 GCGAGTATCATCTTGGTGTCTCATCAAGGTGATTCTGGATTAATACTACTTCTCTC 398
QY 62 CCGGGLGlnProLeuHisPheIleProArgLysGlnLeuCyAspArgLysIleLeuAspCys 81
Db 399 TGGGGGACGCTCTCCACTTCACTCCGAGGAAGCAGCTGTGACGGAAGAGCTGACCTGT 458
QY 82 ProLeuGlyGlnAspGlnGlnIleHisCysValLysSerPheProGlnGlyProAlaValAla 101
Db 459 CCTTGGGGGAGAGAGAGAGACATGTGTGCAAGACTTCTCCGAAAGGCTCTGACGTGCA 518
QY 102 ValAlaGlnLeuSerLysAspArgSerThrLeuGlnValIleLeuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTCCCAAGAGCCGATCCCACTGCAAGGTGCTGGACTGGCCACAGGGAGCTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnIleThrAlaCysArgGlnMet 141
Db 579 TTCTCTGCTGTTCGACCACTTCAAGAACCTCCCTGAGACAGCTGTAGGAGATG 638
QY 142 GLYTyrSerSerLysProThrPheArgAlaValGlnIleGlyProAspGlnAsnLeuAsp 161
Db 639 GGCTACAGC-----AGAGCTGTGAGATGTGACCCAGACCAAGATCTGGAT 683
QY 162 ValValGlnIleThrGlnAsnSerGlnGlnLeuArgMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTAAATCAACAGAAACAGCCAGAGACTTGCATGCGGAATCAAGTGGCCCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuIleThrPro 201
Db 744 CTCTCAGGCTCCCTGTGCTCTCTGCACTGTCTTGGCTGTGGAGAAAGCTTGAAGCCCTCC 803
QY 202 ArgValAlaGlnGlyGlnGlnAlaSerValAspSerTrpProGlnValSerIleGln 221
Db 804 CGTGTGGTGGTGGAGAGAGAGCTCTGTGATTTCTTGCCCTTGGCAGATCCAG 863
QY 222 TTYrAspLysGlnIleHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
Db 864 TACGACAAACAGACAGCTGTGTGAGGAGACATCTTGACCCCACTGAGGCTCTCAAGCA 923
QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Db 924 GCCCACTGCTTCAGAAACATACCATGTCTTCACTGAAAGTGTGGGAGGCTCAAGC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGlnPheAsnPro 281
Db 984 AAACTGGGAGCTTCCCATCTGCTGTGGCCAGATCATCATTCATTGAATCAACCCC 1043
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGACAAATGACATGCCCTCATGAAGCTGCAAGTCCCATCACTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGlnGlnLeuThrProAlaThrPro 321
Db 1104 GGCACAGTCAGGCCCATGTGTGCTCTTGTATGAGAGCTCATCTCCAGCCCAACCCCA 1163
QY 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyLysLysMetSerAspIleLeu 341
Db 1164 CTCTGAGATCATTTGATGGGCTTTTACAGAGCAATGAGGAGAGATGTCTGACATCTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpGln 361
Db 1224 CTGAGAGGTCAGTCAGAGCTCATTCAGACACACGTCGATGACAGAGTGGTACAG 1283
QY 362 GLYGlnValThrGlnLysMetCysAlaGlyLysLeuProGlnGlyValAspThrCys 381
Db 1284 GGGGAAATCACCGAAAGATGTGTGCAAGGCTCCCGAAGGGGTGTGCACTCTG 1343
QY 382 GlnGlyAspSerGlyCysProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401
Db 1344 CAGGGTCACAGTGTGGCCCTGATTTACCAATCTGACCAAGTGTGATGTGGGCAATC 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
Db 1404 GTTAGCTGGGCTATGCTGTGGGGGCGGAGCACCCCAAGAGTATACCAAGGTTCTCA 1463

QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGlnLeu 435
Db 1464 GCTATCTCACTGAGATCTACATGTCTGGAAGGCTGAGCTG 1505
RESULT 104
US-10-012-755A-274
; Sequence 274, Application US/10012755A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desmoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C28
; CURRENT APPLICATION NUMBER: US/10/012,755A
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 274
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-012-755A-274
Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
Gaps: 1
US-10-803-530-2 (1-435) x US-10-012-755A-274 (1-2063)
QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
Db 219 GATCTGACAGATGATCACTTGTGAACAGCTCGATGTCAAAACCCCTGCGAAACCCGT 278
QY 22 IlePrometGlnThrPheArgLysValGlyLysProIleIleIleAlaLeuLeuSerLeu 41
Db 279 ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCATATGACATCTAAGCTTG 338
QY 42 AlaSerIleIleIleValValIleuIleLysValIleLeuAspLysTyrTyrPheLeu 61
Db 339 GCGAATATCATCATTTGTGTGCTCTCATCAAGGTGATTCGATTAATAATCTACTCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspArgLysIleLeuAspCys 81
Db 399 TGGGGGAGCTCTTCCACTTATCCAGAGAGAGAGAGCTGTGTACAGGAGCTGAGCTGT 458
QY 82 ProLeuGlyGlnAspGlnGlnIleHisCysValLysSerPheProGlnGlyProAlaValAla 101
Db 459 CCTTGGGGGAGAGAGAGACATGTGTCAAGAGCTTCCCAAGAGGCTCTGACAGTGGCA 518
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValIleLeuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTCCCAAGAGCCGATCCCACTGCAAGGTGCTGGACTGGCCACAGGGAGACTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnIleThrAlaCysArgGlnMet 141
Db 579 TTCTCTGCTGTTCGACCACTTCAAGAACCTCCCTGAGACAGCTGTAGGAGATG 638

QY 142 GlyTyrSerSerlyProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
 DB 639 GGGTACAGC-----AGACCTGTGGAGATTGGCCAGACCAAGATCTGGAT 683.
 QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetCysAsnSerSerGlyProCys 181
 DB 684 GTTGTGAATACAGAAAACAGCAAGAGCTTGGCAAGCCGAATCAAGTGGGCGCTGT 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
 DB 744 CTCCTACAGCTCCCTGCTCTCCCTGCACTGTCTTGCTGGAGAGAGCTGAAGACCCCC 803
 QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTPPProTrrGlnValSerIleGln 221
 DB 804 CGTGTGGGTGGGGAGAGAGCCCTGTGTGATTTGGCTTGGCAGGTCAAGCATCCAG 863
 QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTPPValLeuThrAla 241
 DB 864 TACGACAAACAGACGCTGTGTGAGAGAGCATCTGGACCCCACTGGGTCTTCAAGGCA 923
 QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTPPValArgAlaGlySerAsp 261
 DB 924 GCCCACTGCTTCAAGAAACATACCATGTGTCAACTGAAAGTGGGCGAGCTCAAGC 983
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
 DB 984 AAACGTGGCAGCTTCCCATCCCTGTGTGGCCAGATCATCATATGAATTCAACCCC 1043
 QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysGlnPheProLeuThrPheSer 301
 DB 1044 ATGTACCCCAAGAACATGACATCCCTCATGAAGCTGCACTTCCACTCACTTCTTCA 1103
 QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
 DB 1104 GGCACAGTCAAGGCCCATCTGTCTGCTGCTTCTTGTATGAGAGCTCACTCCAGCCCA 1163
 QY 322 LeuTrrIleIleGlyTrrGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
 DB 1164 CTCTGGATCATTTGGTGGGCTTTTACGAAGCAGATGGAGGGAATGTCTGACATCTG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 DB 1224 CTGACGGGCTCATAGGTCTATTCACACACACAGGTGCAATGCACAGATCCGATCCAG 1283
 QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyValAspThrCys 381
 DB 1284 GGGGAAGTCAACGAAAGATGATGTGTGACAGCATCCCGAAGGGGGTGTGACACCTGC 1343
 QY 382 GlnGlyAspSerGlyLysProLeuMetCysLysAspGlnTrrHisValValGlyIle 401
 DB 1344 CAGGCTGACAGTGGTGGGCTTGTATGTACATCTGACAGTGGCATGTGTGGGCAATC 1403
 QY 402 ValSerTPPGLYTYRGLYCysGlyLysProSerThrProGlyValTrrThrLysValSer 421
 DB 1404 GTTACTGGGGCTAATGGCTGCGGGGGCCGAGACACCCGAGAGTAAACACCAAGGTCTCA 1463
 QY 422 AlaTyrLeuAsnTrrIleTyrAsnValTrrLysAlaGluLeu 435
 DB 1464 GCGTATCTCACTGGATCTACAAATGTCTGGAAGGCTGAGCTG 1505
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 US-10-013-430A-274
 ; Sequence 274, Application US/10013430A
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnovers, Luc
 ; APPLICANT: Eaton, Dan I.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Pam, James
 ; APPLICANT: Paoletti, Nicholas P.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; TITLE OF INVENTION: Acids Encoding the Same
 ; FILE REFERENCE: P2830P1C31
 ; CURRENT APPLICATION NUMBER: US/10/013,430A
 ; CURRENT FILING DATE: 2002-06-25
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 477
 ; SEQ ID NO 274
 ; LENGTH: 2063
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-013-430A-274
 Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 5
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1
 US-10-803-530-2 (1-435) x US-10-013-430A-274 (1-2063)
 QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
 DB 219 GATCTGACATGTATCAACCTCTGAAAGCTCTCATGTCAACCCCTGCGAAACCCCGT 278
 QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuSerLeu 41
 DB 279 ATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATATGACATCTAGGCTG 338
 QY 42 AlaSerIleIleIleValValValLeuIleLysValIleLeuAspLysTrrPheLeu 61
 DB 339 GCGATATCATCATTTGTGTGTCTTCTATCAAGGTATTTCTGTGATTAATCTACTTCTC 398
 QY 339 GCGATATCATCATTTGTGTGTCTTCTATCAAGGTATTTCTGTGATTAATCTACTTCTC 398
 QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyLysLeuAspCys 81
 DB 399 TGGCGGAGCGCTCTTCACTTATCCGAGAGAGAGCTGTGTGAGAGAGAGCTGATGT 458
 QY 82 ProLeuGlyLysAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
 DB 459 CCTTGGGGGAGAGAGAGAGACATGTGTCAAGACCTTCCCGAAGGGCTGTGAGTGTGA 518
 QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrr 121
 DB 519 GTCCCTCTCTCAAGAGCCGATTCACACTGACGTGTGTGACTCGGCCACAGAGAACTGG 578
 QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
 DB 579 TTCTGTGCTGTTCGATCACTTCAAGAAGTCTCGGTGAGAGAGCGCTGTAGGAGATG 638
 QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
 DB 639 GGGTACAGC-----AGACCTGTGGAGATTGGCCAGACCAAGATCTGGAT 683
 QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetCysAsnSerSerGlyProCys 181
 DB 684 GTTGTGAATACAGAAAACAGCAAGAGCTTGGCAAGCCGAATCAAGTGGGCGCTGT 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
 DB 744 CTCCTACAGCTCCCTGCTCTCCCTGCACTGTCTTGCTGGAGAGAGCTGAAGACCCCC 803
 QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTPPProTrrGlnValSerIleGln 221
 DB 804 CGTGTGGGTGGGGAGAGAGCCCTGTGTGATTTGGCTTGGCAGGTCAAGCATCCAG 863

QY 222 TTYAAPLYSGLNHsValCYsGLyGLSerTlleuAapProHisTTPValleuThzAla 241
Db 864 TTAGCAAAACAGACGTCGTGTGAAGAGACATCCGAGACCCCACTGGGTCCTCAAGCA 923
QY 242 AAlAhSvApheArGLySHsThzAsPValPheantTPLySValArAlAGLySerAsP 261
Db 924 GCCCACTGCTTCAGAAACATACCATGTGTTCAACTGAAAGTGGGGCGGCTCAAGAC 983
QY 262 LysLeuGLySerPheProSerTlleuAlaValAlaYsIleIleIleIleGLuPheAsPPro 281
Db 984 AAACTGGGAGCTTCCATCCCTGCTGTGGCAAGATCATCATTAATTAATTAACCCC 1043
QY 282 MetTYrProLYsAsPAsPAlIeAlaLeuMetLysLeuGLInPheProLeuThzPheSer 301
Db 1044 ATGTAACCCCAAGAACATGACATGCGCTCATGAAAGCTGACGTTCCACATCACTTCTCA 1103
QY 302 GLYrThValArGProlleCYsLeuProPhePheAsPGLuGLuLeuThzProAlaThzPro 321
Db 1104 GGCACAGTCAGGCCCCTCTGTCTGCTCTTGTATGAGAGCTCACTCAAGCACCCCA 1163
QY 322 LeuThzPleIleGLYTPGLYpHeThzLySGLInAsnGLYGLYsHeserAsP1leu 341
Db 1164 CTCGATCATTTGATGGGCTTTACAAAGACAGATGAAGAGATGCTGACATACG 1223
QY 342 LeuGLInAsSerValGLInValIleAsPserThzArCYsAsnAlaAsPAlaIYrGLIn 361
Db 1224 CTGACAGGCTGACGATCGATTCATTCACAGACAGGTCGATTCACACATGCTACG 1283
QY 362 GLYGLYValThzGLYsMetMetCYsAlaGLYIleProGLuGLYGLYValAsPThzCYs 381
Db 1284 GGGGAAGTCAACGAGAGATGATGTGTGACAGGATCCCGAAGGGGCTGTGACACTTC 1343
QY 382 GLInGLYAsPserGLYGLYProLeuMetTYrGLInSerAsPGLInThzIstValValGLYIle 401
Db 1344 CAGGGTGAACGTGTGGGCCCCCTGATGTACATTCAGACAGGATGTGTGGGCTAC 1403
QY 402 ValSerTTPGLYrGLYCYsGLYGLYProSerThzProGLYValIYrThzLySValSer 421
Db 1404 GTTAGCTGGGGCTAATGCTGCGGGGCGGACGACCCCGAGATATACCAAGGCTTCA 1463
QY 422 AAlTYrLeuAsnTPleTYrAsnValITPlySAlaGLuLeu 435
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RESULT 106
US-10-013-906A-274
; Sequence 274, Application US/10013906A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Demoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrata, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C36
; CURRENT APPLICATION NUMBER: US/10/013,906A
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
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; PRIOR APPLICATION NUMBER: 60/098750
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PRIOR FILING DATE: 1998-10-02
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PRIOR FILING DATE: 1998-10-06
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PRIOR FILING DATE: 1998-10-07
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PRIOR APPLICATION NUMBER: 60/106023
PRIOR FILING DATE: 1998-10-28
PRIOR APPLICATION NUMBER: 60/106029

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-013-906A-274 (1-2063)

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QY 22 ILEPROMETGLUTHPHARGLYSVALIYILEPROILEILEIALEUASERLEU 41
DB 279 ATCCCATGAGACCTTCAGAAAGTGAGATCCCATCATATGACCTAGGACCTG 338
QY 42 AIASERIIEILEIAVALIALEUAEILEYVALIIELEUASBPYSTYRPHLEU 61
DB 339 GCGAGTATCATCATTTGGTGTCTCATCAAGGATTCGATTAATACTACTTCCCTC 398
QY 62 CYSGIYGLINPROLEUHIIPHEILEPROARGLYSGINLEUCYASRGILYGLIUEUASPCYS 81
DB 399 TCGGGGCGCCCTCTCACCTTCATCCGAGGAGCGCTGTGACGAGAGCTGAGCTGT 458
QY 82 PROLEUGLYGLIUSRGILYGLIUSCYVALIYSESRPHEPROGLUGLYPROALIAVALIA 101
DB 459 CCTTGGGGAG 518
QY 102 VALARGLEUSERLYASPARGSESRTHLEUGINVALIIEUASPSERIALTHRGILYASNT 121
DB 519 GTCCGCTCTCCAG 578
QY 122 PHESERIALCYSPHEASPHENPHEHTRGILUALAUAAGILUTHRALCYASRGILINMET 141
DB 579 TTCTCTGCTGTTTGGACAACTTCACAGAGCTTCGAGAACAGCCGTGAGGAGAGAG 638
QY 142 GLIYYSERSELYSPROTHRPHARGALIAVALIIGLILEGLYPROASPGILNASPLEUASP 161
DB 639 GCGTACAGC-----AGAGCTGAGAGATTGGCCAGACCAAGATCTGAGT 683
QY 162 VALIAGLILIEHTRGLIUSNSERGLINLEUARGMETARGASNSERSEGLYPROCYAS 181
DB 684 GTTGTGAATCAAGAAACAG 743

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QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLeuSerLeuLeuPro 201
Db 744 CTTCAAGGCTCCCTGCTCTCCCTGCACTGCTGCTGGGAGAGGCTCAACCCCC 803
QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerProProGlnValSerIleGln 221
Db 804 CGTGTGGTGGTGGGAGAGGAGCCCTCTGGATTCTTGCCCTTGAGGAGTCAAGCATCAG 863
QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTyrValLeuThrAla 241
Db 864 TACGACAAACAGACGCTGTGGAGGAGGAGCATCTGACCCCACTGGGTCTCCAGCGCA 923
QY 242 AlaHisCysPheAspGlyLysHisTyrAspValPheAsnTyrLysValAlaGlySerAsp 261
Db 924 GCCCACTGCTTCAAGAAACATACCGATGTCTTCACTGAAAGTGCGGAGGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
Db 984 AAACCTGGGAGCTTCCCATCTGCTGGCCAGATCATCATGATTCAACCC 1043
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGACATGACATGCCCCCTCATAGAGCTGCAAGTCCCACTCTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGlyGluLeuThrProAlaThrPro 321
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QY 322 LeuTyrIleIleGlyThrGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
Db 1164 CTCTGATCATTTGATGGGCTTGTACGAAAGCAAAAGAGGAGAGATGCTGACATACG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGCAAGCGCTCAGTCCAGGTCATTTGACACACACGCTGCAATGCAACATGCGACAG 1283
QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db 1284 GGGGAAGTCAACGAAAGATGATGTGTGACGAGCATCCCGGAAAGGGGTGACACCTGC 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTyrHisValValGlyIle 401
Db 1344 CAGGGTGAAGTGTGGGCCCCCTGATGTCATTCATTCAGTCAGTGCATGTGTGGGATC 1403
QY 402 ValSerTyrGlyTyrGlyCysGlyGlyProSerThrProGlyValIleTyrThrLysValSer 421
Db 1404 GTTACTGGGGCTATGGCTGGCGGGGCCGAGCACCCAAGATATACCAAGGTCTCA 1463
QY 422 AlaTyrLeuAsnTyrIleTyrAsnValTyrLysAlaGluLeu 435
Db 1464 GCTTATCTCACTGATCTCAATGTCTTGGAAAGGCTGAGCTG 1505
RESUT: 107
US-10-013-907A-274
; Sequence 274, Application US/10013907A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Batton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurley, Austin J.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
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FILE REFERENCE: P2830P1C34
; CURRENT APPLICATION NUMBER: US/10/013,907A
; CURRENT FILING DATE: 2001-12-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 274
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-013-907A-274

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: Gaps: 1

US-10-803-530-2 (1-435) x US-10-013-907A-274 (1-2063)
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Db 279 ATCCCATGAGACCTTCAAGAAAGTGGGATCCCATCATCATCATACATACATCTGAGCTG 338
QY 42 AlaSerIleIleIleValValIleValIleValIleValIleValIleValIleValIleVal 61
Db 339 GCGAGTATCATCATTTGTGTGCTTCCATCAAGAGTATCTGATTAATACTACTTCTC 398
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Db 399 TGGGGAGAGCTTCCATCTTCACTTCCAGAGAGAGCTGTGTGAGGAGAGCTGACATGT 458
QY 82 ProLeuGlyGluAspGluGlnHisCysValLysSerPheProGluGlyProAlaValAla 101
Db 459 CCTTGGGGAGAGACAGAGACATGTGTCAAGACTTCCCGAAGGCTCTGACATGCA 518
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValIleAspSerAlaThrGlyAsnTyr 121
Db 519 GTCCGCTTCCAAAGACCGATCCACTGCAAGGTGCTGACTGGCCACAGGAACTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGluTyrAlaCysArgGluMet 141
Db 579 TTCTGTGCTGTGTGACAACTTCAAGAACTCTCGTGAAGACGCTGTGAGCAAGT 638
QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GACTACAGC-----AGAGCTGTGAGATTGGCCAGACAGAGATCTGGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnIleuArgMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTGAATACAGAAACAGACAGAGGTTGCAATGGGAACTAAAGTGGGCTGTG 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
Db 744 CTCTAGGCTCCCTGGTCTCCCTGCACTGTGCTGTGGGAAAGCTGAAAGCCCAACCC 803
QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTyrProTyrGlnValSerIleGln 221
Db 804 CGTGTGGTGGTGGGAGAGGAGCCCTCTGTGATTTCTTGCTTGGGAGGTCAGCATCAG 863
QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTyrValLeuThrAla 241
Db 864 TACGACAAACAGACGCTGTGGAGGAGCATCTGGAACCCCACTGGGTCTCCAGCGCA 923
QY 242 AlaHisCysPheAspGlyLysHisTyrAspValPheAsnTyrLysValAlaGlySerAsp 261
Db 924 GCCCACTGCTTCAAGAAACATACCGATGTCTTCACTGAAAGTGCGGAGGCTCAGAC 983
```

QY 262 LysleuGlySerPheProSerLeuAlaValAlaIleIleIleIleGluPheAsnPro 281
 DB 984 AATCTGGAGAGCTTCCATCTCTGCTGGCCAGATCATCATTTGAATTCACCC 1043
 QY 282 MetTyrProLysAspAsnAspIleAlaIleuMetLysleuGlnPheProLeuThrPheSer 301
 DB 1044 ATGATACCCAAAGACATGATCATGCCCTCATGAGGTGAGCTTCCCATCTTCTCA 1103
 QY 302 GlyThrValArgProIleCysleuProPheAspGluGluLeuThrProAlaThrPro 321
 DB 1104 GGCAAGTCAAGCCCATCTGTCTGCTTGTATGAGAGCTCATCTCCAGCCCA 1163
 QY 322 LeuTrpIleIleGlyTrpGlyPheThrIleGlnAsnGlyLysMetSerAspIleLeu 341
 DB 1164 CTCTGATCATTTGATGGGCTTTACAGAGCAAGATGAGAGATGTCTGACATCTG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 DB 1224 CTGACAGGCTGATGCTCCAGTCAATGACAGCAAGGTTCATGACAGAGCGTACAG 1283
 QY 362 GlyGluValThrGlyLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
 DB 1284 GGGGAGTCAAGCCAGAGATATGTGTGACAGCATCCCGAAGGGGGTGTGACACCTGC 1343
 QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValIleGlyIle 401
 DB 1344 CAGGTGACAGTGGGGCCCTGATGACCATGACAGTGCAGTGGTGTGGGCAATC 1403
 QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValIleThrIleValSer 421
 DB 1404 GTTACCTGGGCTATGCTGCTGGGGGCCCGAGACCCAGAGTATACACCAAGTCTCA 1463
 QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
 DB 1464 GCGATCTCACTGATCTACATGTCGGAAGGTGAGCTG 1505

RESULT 108
 US-10-013-909A-274
 ; Sequence 274, Application US/10013909A
 ; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Boerstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan I.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Guirney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2830P1C35
 ; CURRENT APPLICATION NUMBER: US/10/013,909A
 ; PRIORITY FILING DATE: 2002-06-25
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 477
 ; SEQ ID NO 274
 ; LENGTH: 2063
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-10-013-909A-274

Alignment Scores:
 Pred. No.: 0
 Score: 2297.50
 Percent Similarity: 98.854
 Best Local Similarity: 98.854
 Query Match: 98.104

Length: 2063
 Matches: 429
 Conservative: 0
 Mismatches: 0
 Indels: 5

DB: 40 Gaps: 1
 US-10-803-530-2 (1-435) x US-10-013-909A-274 (1-2063)
 QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIleLysProLeuArgLysProArg 21
 DB 219 GATCTTACAGATATCAACCTCTGAAAGAGCTTCATATGTAACACCCCTGGCAAAACCCGT 278
 QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
 DB 279 ATCCCAATGAGACCTTCAGAAAGTGGGATCCCATCATCATAGCATCTAGAGCTG 338
 QY 42 AlaSerIleIleIleValIleValIleValIleValIleValIleValIleValIleValIle 61
 DB 339 GCGAGTATCATATTGATGTTGCTTCATCAAGGTGATTTGATTAATACTACTCTCTC 398
 QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
 DB 399 TGCGGAGAGCTCTCCATCTTCATCCCGAAGAGAGCTGTGTGACGAGAGCTGACTGT 458
 QY 82 ProLeuGlyGlyAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
 DB 459 CCTTGGGGAGAGAGAGACCTGTGTCAAGAGCTTCCCGAAGGGCTGCACTGAGCA 518
 QY 519 GTCCGCTCTCCAGAGCCATTCACATGCAAGGTGTGAGCTGGCCACAGGGAACTGG 578
 QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
 DB 519 GTCCGCTCTCCAGAGCCATTCACATGCAAGGTGTGAGCTGGCCACAGGGAACTGG 578
 QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
 DB 579 TTCTCTGCTGTTCGACCACTTCACAGAGCTCTGCTGAGAGAGCTGTGAGGAGATG 638
 QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
 DB 639 GCGTACAGC-----AGAGCTGTGAGATTTGGCCAGACAGAGATGTGAT 683
 QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetCysAsnSerSerGlyProCys 181
 DB 684 GTTGTGAATCAGAGAAACAGCCAGAGAGCTTGGCAGTCCGGAATCAAGTGGGCTGT 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
 DB 744 CTCTCAGGCTCCCTGGTCTCCCTGCACATGCTTGGGAGAGAGCTGAGAGACCCCC 803
 QY 202 ArgValValIleGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
 DB 804 CGTGTGGGTGGGAGAGAGAGCTGTGTGAATTTGGCTTGGCAGGTACAGATCCAG 863
 QY 222 TyrAspLysGlnHisValCysGlySerIleLeuAspProHisTrpValLeuThrAla 241
 DB 864 TACGACAAACAGACGTGTGTGAGAGAGCATCTCGAACCCCATGTGGGTCTTCACGGCA 923
 QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
 DB 924 GCCCATCTCTCAGAAACATACCGATGTGTTCACTGGAAGTGGGGCAGGCTCAGAC 983
 QY 262 LysleuGlySerPheProSerLeuAlaValAlaIleIleIleIleGluPheAsnPro 281
 DB 984 AAACCTGGCAGCTTCCATCTGCTGTGGCCAGATCATCATATTGAATTCACCC 1043
 QY 282 MetTyrProLysAspAspAspIleAlaIleuMetLysleuGlnPheProLeuThrPheSer 301
 DB 1044 ATGATACCCAAAGACATGATCATGCCCTCATGAGCTGCACTTCCCATCTTCTCA 1103
 QY 302 GlyThrValArgProIleCysleuProPheAspGluGluLeuThrProAlaThrPro 321
 DB 1104 GGCAAGTCAAGCCCATCTGTGCTTGTATGAGAGCTCATCTCCAGCCCA 1163
 QY 322 LeuTrpIleIleGlyTrpGlyPheThrIleGlnAsnGlyLysMetSerAspIleLeu 341
 DB 1164 CTCTGATCATTTGATGGGCTTTACAGAGCAAGATGAGAGATGTCTGACATCTG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361

Db 1224 CTGCAGGCGTCAGTCCAGGTCAATGACACGACAGGTGCATGACAGATGCGTACAG 1283
QY 352 G1yglValAlThrgLulYsMeuMeCysAlaGlyIleProGluGlyValAaPThrCys 381
Db 1284 GGGGAAGTCACCGAAGATGATGTGTGCAGGCAATCCCGAAGGGGTGTGGACACCTGC 1343
QY 382 G1nGlyAaPserGlyValProLeuMeCtyrGlnSerAaPglTrpHisValValGlyIle 401
Db 1344 CAGGTGACAGTGTGGGCCCCCTGATGTACCAATCTACACAGTGCATGTGTGGGCATC 1403
QY 402 ValserTrpGlyTrgYsGlyValProSerThrProGlyValTyrrThlyysValSer 421
Db 1404 GTTAGTGGGGCTATGCTGTGGGGGCCCGACGCCAGAGATATACCAAGGTCTCA 1463
QY 422 AlaTyrrLeuAaPTrpIleTyrrAaValTrpLysAlaGluLeu 435
Db 1464 GCGTATCTCAACGTGATCTCAATGTCTGGAGGCTGAGCTG 1505

RESULT 109
US-10-013-910A-274
Sequence 274, Application US/10013910A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Guirney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C3
CURRENT APPLICATION NUMBER: US/10/013,910A
PRIOR FILING DATE: 2001-12-10
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 274
LENGTH: 2063
TYPE: DNA
ORGANISM: Homo sapiens
US-10-013-910A-274

Alignment Scores:
Pred. No.: 0
Score: 2297.50
Length: 2063
Matches: 429

Percent Similarity: 98.85%
Best Local Similarity: 98.85%
Query Match: 98.10%
DB: 40
Gaps: 1
US-10-803-530-2 (1-435) x US-10-013-910A-274 (1-2063)

QY 2 AaPProAaPserAaPglTrpLeuAaPserLeuAaPValIysAaPProLeuAaPTrpAaPProAaP 21
Db 219 GATCCTGACAGTGAATCAACCTCGAACAAGCCTCGATGTCAAAACCCCTGGCAAAACCCCT 278
QY 22 IleProMeCtyrThrPheAaPValGlyIleProIleIleIleIleAaPLeuSerLeu 41
Db 279 ATCCCATGAGACCTTCACAAAAGGTGGAGATCCCATCAATCAATGACACTGAGACCTG 338
QY 42 AlaSerIleIleIleValValValLeuIleValValIleAaPValIleAaPValIleAaPValIle 61
Db 339 GCGAGTATCAATGATGTTGTCTCAATCAAGGTGATTCTGGATTAATTAATCTTCTC 398
QY 62 CysGlyIleProLeuHisPheIleProAaPValGlnLeuAaPValGlyIleAaPValGlyIleAaPVal 81
Db 399 TCGCGGAGCCTTCATCTTCATCCGAGAAAGAGCTGTGTGACGAGAGCTGACCTGT 458
QY 82 ProLeuGlyIleAaPValGlnHisCysValIysSerPheProGlyIleProAlaValAla 101
Db 459 CCGTGGGGGAGACGAGAGACCTGTGTCAAGAGCTTCCCGAAGGGCTGCAAGTGTGCA 518
QY 102 ValArgLeuSerIysAaPArgSerThrLeuGlnValIleAaPserAlaThrGlyAaPTrp 121
Db 519 GTCCGCTTCACAGGACGATTCACACTGACAGGTGCTGAGCAGCTGCGCCACAGGAACTGG 578
QY 122 PheSerAlaCysPheAaPserPheThrGlnAlaLeuAlaGluThrAlaCysAaPTrpMet 141
Db 579 TTCTGTGCTGTGTGACAACTTCACAGAGCTTCGCTGAGACAGCTGTAGGAGATG 638
QY 142 GlyTyrrSerSerIysProThrPheArgAlaValGlnIleGlyProAaPValAaPLeuAaP 161
Db 639 GCGTACAGC-----AGAGCTGTGAGATGTGCGCCAGACAGAGATCTGGAT 683
QY 162 ValValAlaGluIleThrGlnAaPserGlnIleAaPTrpMetAaPserSerGlyProCys 181
Db 684 GTTGTTGAATACAGAAACAGCCAGAGCTTGACAGCGGAACTCAAGTGGGCTGTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIysSerIleAaPTrpPro 201
Db 744 CTCTCAGGCTCCCTGGTCTCCCTGCACTGTCTGCTGTGGAAAGACCTGAGAACCCCC 803
QY 202 ArgValValGlyIleGlnAlaSerValAaPserTrpProTrpGlnValSerIleGln 221
Db 804 CCGTGTGGGTGGAGAGAGCCCTGTGTGGATCTTGGGCTTGGCAGGTCAAGATCCAG 863
QY 222 TyrAaPValGlnHisValCysGlyIleSerIleAaPProHisTrpValIleAaPTrpAla 241
Db 864 TACGACAAACAGCAGTCTGTGGAGGAGCATCTGAGACCCCACTGGGTTCTCAAGGCA 923
QY 242 AlaHisCysPheAaPValGlnHisValAaPValIleAaPTrpValIleAaPTrpValIleAaPTrp 261
Db 924 GCCACGTCTTCAGAGAAACATACGATGTTCACATGGAAGGTGGCGCAGGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaIleIleIleIleIleGluPheAaPPro 281
Db 984 AAACGTGGGAGCTTCCCATCTCCCTGGCTGTGGCCAAAGATCAATCAATTAATTCACACCC 1043
QY 282 MetTyrrProLysAaPValIleAaPValIleAaPValIleAaPValIleAaPValIleAaPValIle 301
Db 1044 ATGTACCCCAAGACATGACATGCGCTCATGATGATGATGATGATGATGATGATGATGATGATGAT 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAaPValGluLeuThrProAlaThrPro 321
Db 1104 GCGACAGTCAAGCCCATCTGTCTGTGCTTCTTGTGATGAGAGACTCATCCAGCCACCCCA 1163
QY 322 LeuTrpIleIleGlyTyrrPheThrIysGlnAaPValGlyIleAaPValIleAaPValIleAaPValIle 341

Db 1164 CTCTGATCATTTGGATGGGCTTTACGAGCAGATGAGGAGATGTCTGACATCTG 1223
Qy 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGAGGCGCTCAGTCAGGCTCATTCAGCAGCAGCGTGCAATGAGATGAGATGCGTACCG 1283
Qy 362 GtGtGtValThrGluValMetMetCysAlaGlyIlePheGluGlyValAlaAspThrCys 381
Db 1284 GGGGAGTCCAGCAGATATGTGTCAGGCACTCCGAGAGGGGGTGTGACACTGC 1343
Qy 382 GtGtGtValSerSerGlyGlyProLeuMetTyrGlnSerAspGlnTyrPheValGlyIle 401
Db 1344 CAGGTGACAGTGTGGGCCCCCTGATGTACCAATCTGACAGTGGCAATGTGTGGGATC 1403
Qy 402 ValSerTyrGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrValSer 421
Db 1404 GTTAGTGGGGCTATGTGGTGGGGGGCCGAGCAGCCAGAGTATACACCAAGTCTCA 1463
Qy 422 AlaTyrLeuAsnTyrIleTyrAsnValTyrPheValGluLeu 435
Db 1464 GCTTATCTCACTGAGTCTGAGATGTCTGAGAGGCTGAGCTG 1505

RESULT 110
US-10-013-911A-274
Sequence 274, Application US/10013911A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Deenoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C39
CURRENT FILING DATE: 2001-12-10
PRIOR APPLICATION NUMBER: US/10/013,911A
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
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PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099741
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PRIOR FILING DATE: 1998-09-10

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1	PRIOR FILING DATE: 1998-09-24
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3	PRIOR FILING DATE: 1998-09-24
4	PRIOR APPLICATION NUMBER: 60/102207
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6	PRIOR APPLICATION NUMBER: 60/102244
7	PRIOR FILING DATE: 1998-09-29
8	PRIOR APPLICATION NUMBER: 60/102307
9	PRIOR FILING DATE: 1998-09-29
10	PRIOR APPLICATION NUMBER: 60/102331
11	PRIOR FILING DATE: 1998-09-29
12	PRIOR APPLICATION NUMBER: 60/102484
13	PRIOR FILING DATE: 1998-09-30
14	PRIOR APPLICATION NUMBER: 60/102487
15	PRIOR FILING DATE: 1998-09-30
16	PRIOR APPLICATION NUMBER: 60/102570
17	PRIOR FILING DATE: 1998-09-30
18	PRIOR APPLICATION NUMBER: 60/102571
19	PRIOR FILING DATE: 1998-09-30
20	PRIOR APPLICATION NUMBER: 60/102684
21	PRIOR FILING DATE: 1998-10-01
22	PRIOR APPLICATION NUMBER: 60/102687
23	PRIOR FILING DATE: 1998-10-01
24	PRIOR APPLICATION NUMBER: 60/102965
25	PRIOR FILING DATE: 1998-10-02
26	PRIOR APPLICATION NUMBER: 60/103258
27	PRIOR FILING DATE: 1998-10-06
28	PRIOR APPLICATION NUMBER: 60/103314
29	PRIOR FILING DATE: 1998-10-07
30	PRIOR APPLICATION NUMBER: 60/103315
31	PRIOR FILING DATE: 1998-10-07
32	PRIOR APPLICATION NUMBER: 60/103328
33	PRIOR FILING DATE: 1998-10-07
34	PRIOR APPLICATION NUMBER: 60/103395
35	PRIOR FILING DATE: 1998-10-07
36	PRIOR APPLICATION NUMBER: 60/103396
37	PRIOR FILING DATE: 1998-10-07
38	PRIOR APPLICATION NUMBER: 60/103401
39	PRIOR FILING DATE: 1998-10-07
40	PRIOR APPLICATION NUMBER: 60/103449
41	PRIOR FILING DATE: 1998-10-06
42	PRIOR APPLICATION NUMBER: 60/103533
43	PRIOR FILING DATE: 1998-10-08
44	PRIOR APPLICATION NUMBER: 60/103678
45	PRIOR FILING DATE: 1998-10-08
46	PRIOR APPLICATION NUMBER: 60/103679
47	PRIOR FILING DATE: 1998-10-08
48	PRIOR APPLICATION NUMBER: 60/103711
49	PRIOR FILING DATE: 1998-10-08
50	PRIOR APPLICATION NUMBER: 60/104257
51	PRIOR FILING DATE: 1998-10-14
52	PRIOR APPLICATION NUMBER: 60/104987
53	PRIOR FILING DATE: 1998-10-20
54	PRIOR APPLICATION NUMBER: 60/105000
55	PRIOR FILING DATE: 1998-10-20
56	PRIOR APPLICATION NUMBER: 60/105002
57	PRIOR FILING DATE: 1998-10-20
58	PRIOR APPLICATION NUMBER: 60/105104
59	PRIOR FILING DATE: 1998-10-21
60	PRIOR APPLICATION NUMBER: 60/105169
61	PRIOR FILING DATE: 1998-10-22
62	PRIOR APPLICATION NUMBER: 60/105266
63	PRIOR FILING DATE: 1998-10-22
64	PRIOR APPLICATION NUMBER: 60/105693
65	PRIOR FILING DATE: 1998-10-26
66	PRIOR APPLICATION NUMBER: 60/105694
67	PRIOR FILING DATE: 1998-10-26
68	PRIOR APPLICATION NUMBER: 60/105807
69	PRIOR FILING DATE: 1998-10-27
70	PRIOR APPLICATION NUMBER: 60/105881
71	PRIOR FILING DATE: 1998-10-27

	PRIOR APPLICATION NUMBER:	60/105862
:	PRIOR FILING DATE:	1998-10-27
:	PRIOR APPLICATION NUMBER:	60/106023
:	PRIOR FILING DATE:	1998-10-28
:	PRIOR APPLICATION NUMBER:	60/106029
 Alignment Scores:		
Pred. No.:	0	Length: 2063
Score:	2297.50	Matches: 429
Percent Similarity:	98.85%	Conservative: 0
Best Local Similarity:	98.85%	Mismatches: 0
Query Match:	98.10%	Indels: 5
DB:	40	Gaps: 1
 US-10-803-530-2 (1-435) x US-10-013-911A-274 (1-2063)		
QY	2 AAPPProASPSeRaspGlnPheLeuSenSerLeuASPValIlySPheLeuHrgLyPrOArG	21
Dd	219 GATCCGACAGATGATCAACTCTGAACACGCTCGATGCMAACCCTGGGCAAAACCCCGT	278
QY	22 IIPromEGluThrPheArgLysValIGlyIleProIleIleIleAlaLeuLeuSerLeu	41
Dd	279 ATCCCATGAGAACCCTTCAGAAAGGGGAGATCCCATTATCATACACTGACCTGACCTG	338
QY	42 AlAserIleIleIleValValIleuIleLysValIleLeuASpLysTYrrYPheLeu	61
Dd	339 GGAGATATCATGTGTGGTTGTCTCCTCATCAAGATGATTTCTGGATAAACATCTTCTTC	398
QY	62 CysGLyGlnProLeuHisPheIleProArgLysGlnLeuCysAPGlyGlnLeuAPCyS	81
Dd	399 TCGGGGACGCCCTCTCACCTTCACCTCCGAGGAACAGCTGTGTGACGGAAGCTGGACTGT	458
QY	82 ProlEugLYGLAASPGLUGLIuhisCYsVALIlySSerPhePROGLUGLYProAlaValA	101
Dd	459 CCCTTGCGGGAGAGAGAGAGACTGTGTCAAGACTTCCCCGAAAGGCTGCGATGGCA	518
QY	102 ValARgLeuSerLYasPARgsErThrLeuGlnValLeuASPserAlaThrlGlyAntRP	121
Dd	519 GTCCCTCTCTCCAAAGAACGATCCACACTGCAGGTGGCTGGA CTCGGCCACAGGAACCTG	578
QY	122 PheSerAlaCYsPhesASPasnPheThrlGlnAlaLeuAlaGIuThrAlaCYeARgInmet	141
Dd	579 TTCTGTGCTGTGTGAACACTTCAAGAAAGTCTGTGCTGGAACAGCTGTAGGGCAGATG	638
QY	142 GIlyrSerSerLYProThrPheARGAlaValGIuIleGIyProASPglnASPLeuAP	161
Dd	639 GGCTACAGC-----AGAGCTGTGGAATGGCCCAACAGGATCTCGAT	683
QY	162 ValVALGIuIleThrlGlnASNserGlnIleuAHgmELyghASNserSerLYProCYs	181
Dd	664 GTTGTGAATCAACGAAAACAGCCAGGAGCTTCGATGCGGAATCAAAGTGGGCCCTGT	743
QY	182 LeuSERGIYSerLeuValSerLeuHisCYsLeuAlaCYSGlyLYSerLeuHYthrPro	201
Dd	744 CTCTAGAGCTCCCTGTGTCTCTCTGCACTGTCTTGTGCTGGGAAGACCTGAAGACCCC	803
QY	202 ARGValVALIGlyGlnGlnAlaSerValASPserTRPProTrPGlnValSerIleGln	221
Dd	804 CGTGTGGTGGGTGGGAGAGAGCCCTCTGTGATTTCTTGAGCTTGGCAGAGTCAGATCCAG	863
QY	222 TYrASpLYsglNHISvalCYeGLyGlySerLIleLeuAPProHIstTPValLeuThrlA	241
Dd	864 TACAGCAACAGCAAGCTGTGTGAGGGAGCAATCCGGAACCCCACTGGAGTCTTCACGGCA	923
QY	242 ALAhISCysPheARgLYSHISThrASpValPheANtRPLysValARgAlaGIYserASP	261
Dd	924 GCCCACTGCTTCAAGGAACATTAACGATGTGTTCACCTGAAGGTGGCGGACGGCTCAAGC	983
QY	262 LysLEuGIYserPheProSerSerLeuAlaValAlaLysIleIleIleGlnPheASNPro	281
Dd	984 AAACGTGGGACACTTCCCATTCCTGTGCTGTGGCCAAGATCATCATTAATTAACACCC	1043
QY	282 MetLYrPOLySASPasnAPIleAlaLeuMetLYsLeuGlnPheProLeuThrPheSer	301

Db	1044	ATGTAACCCCAAGACATGACATGCGCCCTCATGAAGCTGCGAGTTCCTCCACTCATCTTCTCA	1103
Qy	302	GIYThrValAlaGProIleCysLeuProPheAspGluGluLeuThrProAlaThrPro	321
Db	1104	GGCAACGTCAAGGCCCATCTGTCTGCGCTTCTTTGATGAGAGCTCATCTCAGCCACCCCA	1163
Qy	322	LeuThrIleIleGlyTyrGlyPheThrIysGlnIleGlyIysMetSerAspIleLeu	341
Db	1164	CTTGGAATCATTTGGAATGGGGCTTTACGAAGCAAGATGAGGGAGATGTCTGACATCTG	1223
Qy	342	LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAlaTyrGln	361
Db	1224	CTGCAGGGGCTGAGTCAAGTCAATGATGACAGCACACCGGTGCATGCAAGATGCTGACAG	1283
Qy	362	GlyGluValThrGluIysMetMetCysAlaGlyIleProGluGlyIysValAspThrCys	381
Db	1284	GGGGAAGTCACCGAGAAATATATGTGTCAAGCCATCCGGAAAGGGGGTGTGGACATCGC	1344
Qy	382	GlnGlyAspSerGlyIysProLeuMetIyrGlnSerAspGlnThrHisValIleIle	401
Db	1344	CAGGGTGCAGTGGTGGGCGCCCTGTGATGATCCATCTGCACAGTGGCATGTGGTGGGCATC	1403
Qy	402	ValSerTProGlyTyrGlyIysGlyIysProSerThrProGlyValIyrThrIysValSer	421
Db	1404	GTTAGCTGGGGCTATGGCTGCGGGGGCCCGAGCACCCAGAGGTATACACCAAGGTCTCA	1463
Qy	422	AlaTyrLeuAsnThrIleTyrAsnValTrrPlyAlaGluLeu	435
Db	1464	GCTATCTCAACTGATCTTACATGTCTGGAAAGCTGAGCTG	1505
RESULT 111			
US-10-013-912A-274			
Sequence 274. Application US/10013912A			
GENERAL INFORMATION:			
APPLICANT: Baker, Kevin P.			
APPLICANT: Botstein, David			
APPLICANT: Desnoyers, Luc			
APPLICANT: Eaton, Dan I.			
APPLICANT: Ferrara, Napoleone			
APPLICANT: Fong, Sherman			
APPLICANT: Gao, Wei-Qiang			
APPLICANT: Goddard, Audrey			
APPLICANT: Godowski, Paul J.			
APPLICANT: Grimaldi, Christopher J.			
APPLICANT: Gurney, Austin L.			
APPLICANT: Hillan, Kenneth J.			
APPLICANT: Pan, James			
APPLICANT: Paoni, Nicholas F.			
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic			
FILE REFERENCE: P2830P1C32			
CURRENT APPLICATION NUMBER: US/10/013,912A			
CURRENT FILING DATE: 2001-12-10			
PRIOR APPLICATION NUMBER: 60/098716			
PRIOR FILING DATE: 1998-09-01			
PRIOR APPLICATION NUMBER: 60/098723			
PRIOR FILING DATE: 1998-09-01			
PRIOR APPLICATION NUMBER: 60/098749			
PRIOR FILING DATE: 1998-09-01			
PRIOR APPLICATION NUMBER: 60/098750			
PRIOR FILING DATE: 1998-09-01			
PRIOR APPLICATION NUMBER: 60/098803			
PRIOR FILING DATE: 1998-09-02			
PRIOR APPLICATION NUMBER: 60/098821			
PRIOR FILING DATE: 1998-09-02			
PRIOR APPLICATION NUMBER: 60/098843			
PRIOR FILING DATE: 1998-09-02			
PRIOR APPLICATION NUMBER: 60/099536			
PRIOR FILING DATE: 1998-09-09			
PRIOR APPLICATION NUMBER: 60/099556			
PRIOR FILING DATE: 1998-09-09			
PRIOR APPLICATION NUMBER: 60/099598			

Db 984 AACTGGGAGCTTCCCATCCCTGCTGGCCAGATCATATGAAATTAACCCC 1043
 Qy 282 MetTyrProLysAspAsnAsp111eAlaMetLysLeuGlnPheProLeuThrPheSer 301
 Db 1044 ATGTACCCCAAGAAATGACATCGCCCTCATGAAAGTCAGATTCCCACTTCTTCCA 1103
 Qy 302 G1YThrValArgPro11eCysLeuProPhePheAsp1uGluLeuThrProAlaThrPro 321
 Db 1104 GGCACAGTCAGGCCCATCTGTCTGCCCTTCTTTGATGAGAGCTCACTCCAGCCACCCCA 1163
 Qy 332 LeuTpol1e11eG1YThrPheThrLysGlnAsnG1YGLysMetSerAsp11eLeu 341
 Db 1164 CTCTGATCATTTGGATGGGGCTTTTACAGAGAGATGAGAGGAGATGTCTGACATCTCTG 1223
 Qy 342 LeuGlnAlaSerValGlnVal11eAspSerThrArgCysAsn1aAspAspAlaTyrGln 361
 Db 1224 CTGCAGGCTCAGTCCAGGTCATTTGACAGCACAGGGTGCAATGACAGACGATGCGTACAG 1283
 Qy 362 G1YGLuVal1ThrGluLysMetMetCysAlaG1YLeProGluGluGluValAspThrCys 381
 Db 1284 GGGGAAGTCACCGAGAGATGATGTGTGCAAGGATCCCGAAGGGGGGTGTGACACCTGC 1343
 Qy 382 G1ngLysAspSerG1YGLYProLeuMetCysGlnSerAspG1nTTPhiSVal1G1YLe 401
 Db 1344 CAGGTCACAGTGTGGGAGCCCTGATGTACCAATCTGACCAAGTGCGATGGTGGGCATC 1403
 Qy 402 ValSerTPG1YTYrG1YCYSG1YGLYProSerThrProG1YVal1YrThrLysValSer 421
 Db 1404 GTTAGCTGGGGCTATGCTCGGGGGCCCGAGCACCCCGAGATTAACCAAGGCTTCA 1463
 Qy 422 AlaTyrLeuAsnTPP1eTyrAsnVal1TTP1YAlaGluLeu 435
 Db 1464 GCCTATCTCAATGAGATCTAACAATGTCTGGAGGCTGAGCTG 1505

RESULT 112

US-10-013-913A-274
 / Sequence 274, Application US/10013913A
 / GENERAL INFORMATION:
 / APPLICANT: Baker, Kevin P.
 / APPLICANT: Botstein, David
 / APPLICANT: Desnovers, Inc
 / APPLICANT: Eaton, Dan I.
 / APPLICANT: Ferrara, Napoleone
 / APPLICANT: Fong, Sherman
 / APPLICANT: Gao, Wei-Qiang
 / APPLICANT: Goddard, Audrey
 / APPLICANT: Grimaldi, Paul J.
 / APPLICANT: Gurney, Austin L.
 / APPLICANT: Hillan, Kenneth J.
 / APPLICANT: Pan, James
 / APPLICANT: Paoni, Nicholas F.
 / TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 / FILE REFERENCE: P2830P1C40
 / CURRENT APPLICATION NUMBER: US/10/013,913A
 / PRIOR FILING DATE: 2002-07-15
 / NUMBER OF SEQ ID NOS: 477
 / SEQ ID NO 274
 / LENGTH: 2063
 / TYPE: DNA
 / ORGANISM: Homo sapiens
 US-10-013-913A-274

Alignment Scores:

Pred. No.: 0 Length: 2063
 Score: 2297.50
 Percent Similarity: 98.85% Matches: 429
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 Gaps: 1

US-10-803-530-2 (1-435) x US-10-013-913A-274 (1-2063)
 Qy 2 AspProAspSerAspGlnProLeuAsnSerLeuAspVal1LysProLeuArgLysProArg 21
 Db 219 GATCTGACAGATGATCAACTCTGAACAGCTCCAGATGTCACAAACCCCTCGGCAACCCCTG 278
 Qy 22 IleProMetGluThrPheArgLysVal1G1YLePoi1e11eAlaLeuLeuSerLeu 41
 Db 279 ATCCCATGAGACCTTCAGAAAGGTGGGATGCCCATCATCATAGCACTACTAGGCTG 338
 Qy 42 AlaSer11e11e11eVal1Val1Val1Leu11eLysVal111eLeuAspLys1TYrPheLeu 61
 Db 339 GCGAGATCATCATTTGTGTGTCTCTCATCAAGGTATTCGTGAATAATCTACTTCTTC 398
 Qy 62 CysG1YGLnProLeuHisPhe11eProArgLysGlnLeuCysAspG1YGLuLeuAspCys 81
 Db 399 TCCGGGCGAGCTCTCCATCTTCATCCCGAGAAAGCAGCTGTGTACGAGAGCTGACTGT 458
 Qy 82 ProLeuG1YGLuAspGluGluHisCysVal1LysSerPheProGluGluProAlaValAla 101
 Db 459 CCTTTGGGGAGAGACGAGAGACCTGTGTCAAGAGCTTCCCGAAGGGGCTCGACGTGGCA 518
 Qy 102 ValArgLeuSerLysAspArgSerThrLeuGlnVal1LeuAspSerAlaThrG1YAsnTP 121
 Db 519 GTCCGCTCTCCAAAGGACCGATCCACCTGAGGTGTGCACTCGGCCACAGGGAACCTG 578
 Qy 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaG1UthrAlaCysArgGlnMet 141
 Db 579 TTTCTCTCCTCTTTCACACACTTCACAGAAAGCTCTGCTGAGACACCTGTATGGCAGAG 638
 Qy 142 G1YTySerSerLysProThrPheArgAlaVal1G1U1eG1YProAspG1nAspLeuAsp 161
 Db 639 GGCCTACAGC-----AGAGCTGTGAGATTTGGCCACAGACCAAGATCTGGAT 683
 Qy 162 Val1Val1Glu1LeThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerG1YProCys 181
 Db 684 GTTGTGTAATTCACAGAAACAGCCAGAGCTTCGATGCGAGATCAAGTGGGCTGT 743
 Qy 182 LeuSerG1YSerLeuValSerLeuHisCysLeuAlaCysG1YLysSerLeuLysThrPro 201
 Db 744 CTCTCAGGCTCCCTGGTCTCCCTGACACTGTCTTGCTGTGGAGAAAGCCTGAAGACCCCC 803
 Qy 202 ArgValValG1YGLYGLuGluAlaSerValAspSerTPProTPG1nValSer11eGln 221
 Db 804 CGTGTGTGTGGGAGAGGCTCTGTGTGATCTTGAGCTTGGCAGGTCAAGATCCAG 863
 Qy 222 TYAspLysG1nHisVal1CysG1YGLYSer11eLeuAspProHisTPVal1LeuThrAla 241
 Db 864 TACGACAAACACACAGCTCTGTGAGAGGAGCATCTGAGACCCCACTGGTCTTCACGAGCA 923
 Qy 242 AlaHisCysPheArgLysHisThrAspVal1PheAsnTP1YLysVal1ArgAlaG1YSerAsp 261
 Db 924 GCCCACTGCTTCAGAGAAACATACGATGTGTTCAACTGAGAAAGTCGGGAGGCTTCAGAC 983
 Qy 262 LysLeuG1YSerPheProSerLeuAlaVal1AlaLys11e11e11eGluPheAspPro 281
 Db 984 AACTGGGAGACTTCCATCCCTGCTGTGGCCAAAGATCATCATTAATTAACACCC 1043
 Qy 282 MetTyrProLysAspAsnAsp11eAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 Db 1044 ATGTACCCCAAGACATAGACATGCGCTCATGAGCTGACGATTCACACTCTTCTTCA 1103
 Qy 302 G1YThrValArgPro11eCysLeuProPhePheAspG1uGluLeuThrProAlaThrPro 321
 Db 1104 GGCACAGTCAGGCCCATCTGTCTGCCCTTCTTTGATGAGAGGACTCACTCAAGCCACCCCA 1163
 Qy 322 LeuTpol1e11eG1YThrPheThrLysGlnAsnG1YGLYsMetSerAsp11eLeu 341
 Db 1164 CTCTGATCATTTGGATGGGGCTTTTACAGACAAATGAGAGGAGATGTCTGACATATG 1223
 Qy 342 LeuGlnAlaSerValGlnVal11eAspSerThrArgCysAsn1aAspAspAlaTyrGln 361
 Db 1224 CTGCAGGCTCAGTCCAGGTCATTTGACAGCACAGGGTGCAATGACAGATGCGTACAG 1283

QY 362 G1YGIUValThrGluLysMetMetCysAlaGlyIleProGluGluGlyValAspThrCys 381
 DB 1284 GGGGAGATGACCGAGAGATATGTGTGACAGCATCCCGAAGGGGGTGGACACCTGC 1343
 QY 382 G1NG1YAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTyrHisValValGlyIle 401
 DB 1344 CAGGGTGAAGTGTGGGCCCCCTGATGTACCAATCTGACAGTGGCATGTGTGGGCAATC 1403
 QY 402 ValSerTyrGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
 DB 1404 GTTAGCTGGGGCTATGTGGTGGGGGGCCGAGCACCCGAGAGATATACCAAGGTCTCA 1463
 QY 422 AlaTyrLeuAsnTyrPheTyrAsnValTyrPheValAlaGluLeu 435
 DB 1464 GCCTATCTCACTGATCTCAATGTCTGGAAGGCTGAGCTG 1505
 RESULT 113
 US-10-013-915A-274
 ; Sequence 274, Application US/10013915A
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Secreted and Transmembrane Polypeptides and Nucleic
 ; TITLE OF INVENTION: Acids Encoding the Same
 ; FILE REFERENCE: P2830PLC37
 ; CURRENT APPLICATION NUMBER: US/10/013,915A
 ; CURRENT FILING DATE: 2002-06-25
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 477
 ; SEQ ID NO 274
 ; LENGTH: 2063
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-013-915A-274
 Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Gaps: 5
 DB: 40
 US-10-803-530-2 (1-435) x US-10-013-915A-274 (1-2063)
 QY 2 AspProAspSerAspGlyProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
 DB 219 GATCTGACAGTGAACCTCTGACAGCTGATGTAAACCCCTGGGCAAAACCCCT 278
 QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
 DB 279 ATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATGACACTGAGCCTG 338
 QY 42 AlaSerIleIleIleValValLeuIleValValIleLeuAspLysTyrTyrPheLeu 61
 DB 339 GGAGATATCATATGTGTGTGTCTTCATCAAGGTATTCGTGATTAATTAATTAATTCCTTC 398
 QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
 DB 399 TCCGGGACACCTCTCTCACTTCAATCCGAGGAAGCACTGTGTGACGGAAGCTGGACTGT 458

QY 82 ProLeuGlyLysAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
 DB 459 CCTTGGGGGAGAGACGAGAGCACTGTGTAAAGCTTCCCGAAGGGGCTGAGTGGCA 518
 QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTyr 121
 DB 519 GTCCGCTCTTCAGAGACCCATCCACTGCAAGGTGTGTGACTGGGCGACAGGGAATCTGG 578
 QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGluMet 141
 DB 579 TTCTCTGCTGTTCGACAACTTCAAGAACTCTCGTGAACAAGCTGTAGGCAATG 638
 QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
 DB 639 GCGTACAC-----AGACCTGTGAAGATTGGCCGACAGACAGATCTGGAT 683
 QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
 DB 684 GTTGTGAATATCAGAAAACAGCAGGAGCTTGCATGCGGAATCAAGTGGGCTGTGT 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysValLeuAlaCysGlyLysSerLeuLysThrPro 201
 DB 744 CTCTCAGGCTCCCTGTCTCTCTGCACTGTCTGCTGTGAGAGAGCTGAAGACCTGAACCC 803
 QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTyrProTyrGlnValSerIleGln 221
 DB 804 CGTGTGTGGGTGGGAGAGAGGCTCTGTGTGATCTTGGCTTGGCAGTGCATCCAG 863
 QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTyrValLeuThrAla 241
 DB 864 TACGCAAAAGCAGCAGTGTGTGAGGAGCATCTCGAACCCCACTGGGTCTTCACTGCA 923
 QY 242 AlaHisCysPheArgLysHisIleThrAspValPheAsnTyrLysValArgAlaGlySerAsp 261
 DB 924 GCCACCTGCTTCAGAAACATACCATGTGTTCACATGAAGTGGGAGGCTGAGC 983
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsnPro 281
 DB 984 AAACGTGGGAGCTTCCATCCCTGCTGTGGCCAGATCATCATATGATTAATCAACCC 1043
 QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 DB 1044 ATGTACCCCAAAAGCAATGATGTGCTCATGAAGCTGAGTCCCATCTTCTCA 1103
 QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
 DB 1104 GGCACAGTCAGGCCCATCTGTCTGCTCTTCTTGTATGAGAGCTCACTCCAGCCCA 1163
 QY 322 LeuTyrIleIleGlyTyrGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
 DB 1164 CTCTGATATCTGATGAGGGGCTTTCAGAGCAAGATGAGAGGAGATGTCTGACATAC 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 DB 1224 CTGCAAGGCTCAGTCAAGTCAATTCACAGCACAGGTGCATGAGATGCGATGACAG 1283
 QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
 DB 1284 GGGGAAGTCAACGAGAAATGATGTGTGACAGCACTCCGGAAGGGGGTGTGACACCTGC 1343
 QY 382 G1NG1YAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTyrHisValValGlyIle 401
 DB 1344 CAGGGTGAAGTGTGGGCCCCCTGATGTACCAATCTGACAGTGGCATGTGTGGGCAATC 1403
 QY 402 ValSerTyrGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
 DB 1404 GTTAGCTGGGGCTATGTGGTGGGGGGCCGAGCACCCGAGAGATATACCAAGGTCTCA 1463
 QY 422 AlaTyrLeuAsnTyrPheTyrAsnValTyrPheValAlaGluLeu 435
 DB 1464 GCCTATCTCACTGATCTCAATGTCTGGAAGGCTGAGCTG 1505

APPLICANT: Paoni, Nicholas F.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P2830PIC55
 CURRENT APPLICATION NUMBER: US/10/015.386A
 CURRENT FILING DATE: 2001-12-12
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 477
 SEQ ID NO 274
 LENGTH: 2063
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-10-015-386A-274

Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conserved: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-015-386A-274 (1-2063)

QY	2	AspProAspSerAspGlnProleuAnserLeuAspValLeuProleuArgProArg	21
DB	219	GATCTGTGACAGTATCACTCTGAAACGCTCGATGTAACCCCTGCGAACCCTG	278
QY	22	IlePrometGluThrPheArgIysValGlyIleProIleIleIleAlaLeuSerLeu	41
DB	279	ATCCCAATGAGACCTTCAGAAAGGTGGGATCCCATCATCATGACACTAGAGCCG	338
QY	42	AlaSerIleIleIleValValValIleIleIleValIleLeuAspIleTyrThrLeu	61
DB	339	GCGAGTATCATATGTTGGTGTCTCCATCAAGTGAATCTGATTAATACTACTCTC	398
QY	62	CysGlyGlnProleuHisPheIleProArgIysGlnLeuCysAspGlyGluLeuAspCys	81
DB	399	TCGGGGGCGAGCTCTCACTTCATCCGAGAAAGAGCTGTGTACGAGAGCTGAGCTGT	458
QY	82	ProleuGlyGluAspGluGluHisCysValIysSerPheProGluGlyProAlaValAla	101
DB	459	CCCTTGGGGGAGAGACGAGAGACCTGTCTCAAGAGCTTCCGAGAGGCTGCGAGTGGCA	518
QY	102	ValArgLeuSerIysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp	121
DB	519	GTCCGCTCTTCAAGGACCGATCCACATCGAGTGTGACTCGGCGCACAGGGAACCTGG	578
QY	122	PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet	141
DB	579	TTCCTGCTGCTTTTCACAACTTCACAGAGCTCTGCTGAGACACCTGTAGGCGAGTGG	638
QY	142	GlyTyrSerSerIysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp	161
DB	639	GGCTTACAGC-----ACAGCTGTGAGAAATGGGCCACACAGATCTGGAT	683
QY	162	ValAlaGluIleThrGluAnserGlnGluLeuArgMetArgAnserSerGlyProCys	181
DB	684	GTGTGTAATCAGCAAGAAACGAGGCTTCGATCGGAGTCCGAACTGAGTGGCCCTGT	743
QY	182	LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIlybSerLeuIysThrPro	201
DB	744	CTCTCAGGCTCCCTGTCTCTCCCTGCACTGTCTTGGGAGAAAGGCTGGAAGACCCC	803
QY	202	ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln	221
DB	804	CGTGTGTGGGTGGGAGAGAGGCTCTGTGATTTCTTGGCTTGGAGGTCAAGATCCAG	863
QY	222	TyrAspIysGlnHisValCysGlyIysSerIleLeuAspProHisTrpValLeuThrAla	241
DB	864	TACGACAAACAGACGCTGTGTGAGGAGATCTTGAGACCCCACTGGGTCTCACGGCA	923
QY	242	AlaHisCysPheArgIysHisIleThrAspValPheAsnTrpIysValArgAlaGlySerAsp	261

DB	924	GCCCACTGCTTCAGAAACATACGATGTGTTCACTGAAAGGTGGCGGAGCTCAAC	983
QY	262	LysLeuGlySerPheProSerLeuAlaValAlaIysIleIleIleIleIlePheAsnPro	281
DB	984	AACTGGGACCTTCCATCCCTGCTGTGGCCAGATCATCATTTGAATTCACACCC	1043
QY	282	MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer	301
DB	1044	ATGTACCCCAAGAACATAGATGATGCCCTCATGAAAGTGCAGTTCCACTCATTTTCA	1103
QY	302	GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro	321
DB	1104	GGCACAGTCAGGCCCATCTGTCTGCTCTTCTTGTATGAGAGCTCACCTCCAGCCCA	1163
QY	322	LeuTrpIleIleGlyTyrGlyPheThrIysGlnAsnGlyIlybMetSerAspIleLeu	341
DB	1164	CTTGGATCATTTGATGGGCTTTTACGAAAGCAATGAGAGAGATGTCTGACATATCTG	1223
QY	342	LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln	361
DB	1224	CTGCAAGGCTCATGTCCAGTTCATTCAGCACAGCACAGGTGCATTCAGAGATGCTACCG	1283
QY	362	GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys	381
DB	1284	GCGGAAGTCACCGAAGATGATGTGTCAGAGCATCCGGAAGGGGTGTGGACACTGC	1343
QY	382	GlnGlyAspSerGlyIysProleuMetTyrGlnSerAspGlnTrpHisValValGlyIle	401
DB	1344	CAGGTGTACAGTGGTGGGCTCCCTGATGTACCAATTTGACAGTGCATGTGTGGGATTC	1403
QY	402	ValSerTrpGlyTyrGlyCysGlyIysProSerThrProGlyValTyrThrLysValSer	421
DB	1404	GTAGCTGGGGCTATAGGCTGTGGGGGCCGAGACCCGAGAGTATACCAAGTGTCA	1463
QY	422	AlaTyrLeuAsnTrpIleTyrAsnValTrpIysAlaGluLeu	435
DB	1464	GCTATCTCACTGATCTTACAAATGTCTGAAAGGCTGAGCTG	1505

RESULT 116
 US-10-015-387A-274
 Sequence 274, Application US/10015387A
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desmoyers, Luc
 APPLICANT: Baton, Dan I.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P2830PIC54
 CURRENT APPLICATION NUMBER: US/10/015.387A
 CURRENT FILING DATE: 2001-12-12
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 477
 SEQ ID NO 274
 LENGTH: 2063
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-10-015-387A-274

Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429

Percent Similarity: 98.85%
 Best Local Similarity: 98.85%
 Query Match: 98.10%
 DB: 40
 Gaps: 1

US-10-803-530-2 (1-435) x US-10-015-387A-274 (1-2063)

QY 2 AAPPProAASPSeAASPGLnProLeuAnSerLeuAnSPVAllySPProLeuAArgLySPProAArg 21
 Db 219 GATCTGACAGTGAATCAACCTCTGAACAGCTCTCGATGTCAAACCCCTGCGCAACCCCGT 278
 QY 22 ILeProMetGluThrPheArgLySPVAlGlyIleProIleIleIleAlaLeuSerLeu 41
 Db 279 ATCCCAATGAGACCTTCAGAAAGGTGGGATCCCATCATCAGCATACGACTGAGCTG 338
 QY 42 AlaSerIleIleIleValValValLeuIleValIleValIleValIleValIleValIleVal 61
 Db 339 GCGAGTATCATCATTTGGTGTGCTCTCATCAAGGTGATTCGAGTAAATACACTTCTCTC 398
 QY 62 CyGlyGlnProLeuNHsPheIleProAArgLySPLeuCyBAPGlyGluLeuAProCys 81
 Db 399 TGCAGGAGAGCTCTCCACTTCATCCGAGAGAGAGCTGTGTGACGAGAGCTGAGCTGT 458
 QY 82 ProLeuGlyGluBAPGlyGluNHsCysValIleSerPheProGlyProAlaValAla 101
 Db 459 CCCTTGGGGAG 518
 QY 102 ValArgLeuSerLySPAPArgSerThrLeuGlnValIleuAnSerAlaThrGlyAnThr 121
 Db 519 GTCCGCTCTCCAG 578
 QY 122 PheSerAlaCysPheBAPenBheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
 Db 579 TTCTGCTGCTGTTTCAACAACCTTCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 638
 QY 142 GlyTyrSerSerLySPProThrPheArgAlaValGlnIleGlyProAspGlnSerLeu 161
 Db 639 GGCTACAGC-----AGAGCTGTGAGATTTGGCCAGAGAGAGAGAGAGAGAGAGAGAT 683
 QY 162 ValValGlnIleThrGluAnSerGlnIleLeuArgMetArgAnSerSerGlyProCys 181
 Db 684 GTTGTGAATATCAACAAG 743
 QY 182 LeuSerGlySerLeuValSerLeuNHsCysLeuAlaCysGlyLySPSerLeuLySPPro 201
 Db 744 CTCTAGAGGCTCTCTGCT 803
 QY 202 ArgValValGlyGlyGluGlnAlaSerValAPSerTTPProGlnValSerIleGln 221
 Db 804 CGTGTGTGGGTGGGAG 863
 QY 222 TyrAPLySPGlnHsValCysGlyGlySerIleLeuAnProHsITTPValIleuThrAla 241
 Db 864 TACGACAAACAGACAGTCTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 923
 QY 242 AlaHisCysPheArgLySPHsIThAspValPheAnThrLySPValArgAlaGlySerASP 261
 Db 924 GCCCACTGCTTCAGAGAAACATACCGATGTCTTCACTGGAAGGTGCGGAGAGGCTCAGAC 983
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleIleGlnPheAnPro 281
 Db 984 AAATCTGGGAG 1043
 QY 282 MetTyrProLySPAPenASPAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 Db 1044 ATGTACCCCAAGACATATGATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1103
 QY 302 GlyThrValArgProIleCysLeuProPhePheArgGlyGluLeuThrProAlaThrPro 321
 Db 1104 GGCAGAGTACAGCCCATCTGTCTGCTCTTGTGATAGAGAGAGAGAGAGAGAGAGAGAGAG 1163
 QY 322 LeuTyrIleIleIleValValValLeuIleValIleValIleValIleValIleValIleVal 341

Db 1164 CTCTGATCATTTGATGGGGCTTTACAGAACAGATGAGGGAGAGATGTCATACATCTG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAPSerThrArgCysAnAlaAspAPAlaTyrGln 361
 Db 1224 CTGCAAGCCGTCAAGTCCAGGTTCATTTGACAGCACAGGTGCAATGAGAGATCCGACAG 1283
 QY 362 GlyGlnValThrGlyLysMetCysAlaGlyIleProGlnGlyValIleAspThrCys 381
 Db 1284 GGGAGAGTACCGAGAGAGATGATGTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1343
 QY 382 GlnGlyASPSeGlyGlyProLeuMetTyrGlnSerAPGlnTTPHsValIleValIle 401
 Db 1344 CAGGTGACAGTGTGGGAG 1403
 QY 402 ValSerTPGlyTyrGlyCysGlyGlyProSerThrProGlyValIleThrLysValSer 421
 Db 1404 GTTACCTGGGGGTATAGGTGTGGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1463
 QY 422 AlaTyrLeuAnThrIleTyrAsnValTTPLySPAlaGluLeu 435
 Db 1464 GCCTATCTCAACTGATCTTCAATGTCTGAGAGAGCTAGCTG 1505

RESULT 117
 US-10-015-388A-274

Sequence 274, Application US/10015388A
 GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Deenoyers, Luc
 APPLICANT: Eaton, Dan J.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.

APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.

TITLE OR INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P2830P1C44

CURRENT APPLICATION NUMBER: US/10/015,388A
 CURRENT FILING DATE: 2002-07-15

Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 477

SEQ ID NO 274
 LENGTH: 2063

TYPE: DNA
 ORGANISM: Homo sapiens

US-10-015-388A-274

Alignment Scores:

Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85%
 Best Local Similarity: 98.85%
 Query Match: 98.10%
 DB: 40
 Gaps: 1

US-10-803-530-2 (1-435) x US-10-015-388A-274 (1-2063)

QY 2 AAPPProAASPSeAASPGLnProLeuAnSerLeuAnSPVAllySPProLeuAArgLySPProAArg 21
 Db 219 GATCTGACAGTGAATCAACCTCTGAACAGCTCTCGATGTCAAACCCCTGCGCAACCCCGT 278
 QY 22 ILeProMetGluThrPheArgLySPVAlGlyIleProIleIleIleAlaLeuSerLeu 41
 Db 279 ATCCCAATGAGACCTTCAGAAAGGTGGGATCCCATCATCAGCATACGACTGAGCTG 338
 QY 42 AlaSerIleIleIleValValValLeuIleValIleValIleValIleValIleValIleVal 61

339 GCGAGTATCATCATGTGTTGCTCTCATCAAGGATTCGTGATAAATACTACTTCTC 398
QY
62 CysglYglNProLeuHisPhe11eProArglysglnLeuCyAspGlyglNLeuAspCyS 81
Db
399 TGGCGGCGAGCTCTCCATTCATCCCGAGAGAGAGCTGTGTGAGAGAGAGCTGACCTGT 458
QY
82 ProLeuGlyglNAspGlyglNHisPheVallysserPheProGlyglProAlaValAla 101
Db
459 CCTTGGGGGAG 518
QY
102 ValArgLeuSerLyAspArgSerThrlleuGlnValLeuAspSerAlaThrlYAsnTrp 121
Db
519 GTCCGCTCTCCAG 578
QY
122 PheSerAlaCySAspAspAsnPhethrGlAlaAlaValagluThrAlaCyAsArgGlnMet 141
Db
579 TTCTGTGCTGTTCGACAACTTCACAGAGAGCTCGCTGAGACAGAGCTGTAGAGAGAGAG 638
QY
142 GLYTYSerSerLyProThrPheArgAlaValagluileGlyProAspGlyAspLeuAsp 161
Db
639 GGTACAGAC-----AGAGCTGTGAGAGATTTGGCCAGACAGAGAGATTCGAGT 683
QY
162 ValValGluileThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCyS 181
Db
684 GTTGTGAAATCACAGAAACAG 743
QY
182 LeuSerGlySerLeuValSerleuHisCySleuAlaCySglYLySerleuLyThrPro 201
Db
744 CTCTCAGAGCTCCCTGTCTCCCTGCACTGTCTGCTGAGAGAGAGAGAGAGAGAGAGAGAG 803
QY
202 ArgValValGlyglYglNValAspValAspSerTrpTrpGlnValSerileGln 221
Db
804 CGT 863
QY
222 TyrAspLySglnHisValCySglYglYSerileLeuAspProHisTrpValLeuThrAla 241
Db
864 TACGACAAACAG 923
QY
242 AlaHisCySAspArgLySglnHisPheAsnTrpLyValArgAlaGlySerAsp 261
Db
924 GCCCAGCTGTTCAAGAAACATACCGATGTGTCAACTGAGAGAGAGAGAGAGAGAGAGAG 983
QY
262 LySleuGlySerPheProSerleuHisValAlaLySleileileileileileleuPheAsnPro 281
Db
984 AAACGTGGGAGCTTCCCATCTCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1043
QY
282 MetTyrProLyAspAsnAspIleAlaLeuMetLySleuGlnPheProLeuThrPheSer 301
Db
1044 ATGTATCCCAAG 1103
QY
302 GlyThrValArgProIleCySleuProPhePheAspGlyglNLeuThrProAlaThrPro 321
Db
1104 GGCACAGTGAAGCCCATCTGTCTGCTCTTGTGATGAGAGAGAGAGAGAGAGAGAGAG 1163
QY
322 LeuTrpIleileileileileileileileileileileileileileileileileleu 341
Db
1164 CTCTGTGATCATGT 1223
QY
342 LeuGlnAlaSerValGlnValIleAspSerThrArgCySAsnAlaAspAspAlaTrpGln 361
Db
1224 CTGCAAGGCTGATCCAGATCATTTGACAGACAGAGAGAGAGAGAGAGAGAGAGAGAG 1283
QY
362 GlyglNValThrGluLySglnMetCySAlaGlyIleProGluGlyglYValAspThrCyS 381
Db
1284 GGGGAGAGTCAAG 1343
QY
382 GlnGlyAspSerGlyglYProLeuMetTyrGlnSerAspGlyTrpHisValValGlyIle 401
Db
1344 CAGGGGAG 1403
QY
402 ValSerTrpGlyTyrGlyCySglYglYProSerThrProGlyValIlyThrLySAsnSer 421
Db
1404 GTTAGCTGGGGCTATGGCTGGGGGGGCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1463

QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLySAlaGluLeu 435
Db 1464 GCTTATCTCACTGATCTCAATGTCTGAGAGGCTGAGCTG 1505
RESULT 118
US-10-015-390A-274
; Sequence 274, Application US/10015390A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Bocstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Ealon, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C53
; CURRENT APPLICATION NUMBER: US/10/015.390A
; PRIOR FILING DATE: 2002-07-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 274
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-015-390A-274
Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1
US-10-803-530-2 (1-435) x US-10-015-390A-274 (1-2063)
QY 2 AspProAspSerAspGlnProLeuAsnSerleuAspVallyPProLeuArgLySProArg 21
Db 219 GATCTGACAGTGAATCAACTCTTGAAACAGCTCGATTCAAACCCCTGGCAAAACCCCT 278
QY 22 IleProMetGlnThrPheArgLySValGlyIleProIleileileileileleuSerleu 41
Db 279 ATCCCCATGAGACCTTCAGAAAGGTGGAGATCCCATCATCATATGACATCTGAGAGCTG 338
QY 42 AlaSerIleileileileileileileileileileileileileileileileileleu 61
Db 339 GCGAGTATCATATGT 398
QY 62 CysglYglNProLeuHisPheIleProArgLySglnLeuCyAspGlyglNLeuAspCyS 81
Db 399 TGGCGGAGAGCTCTCCATTCATCCCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 458
QY 82 ProLeuGlyglNAspGlyglNHisPheVallysserPheProGlyglProAlaValAla 101
Db 459 CCTTGGGGGAG 518
QY 102 ValArgLeuSerLyAspArgSerThrlleuGlnValLeuAspSerAlaThrlYAsnTrp 121
Db 519 GTCCGCTCTCCAG 578
QY 122 PheSerAlaCySAspAspAsnPhethrGlAlaAlaValagluThrAlaCyAsArgGlnMet 141
Db 579 TTCTGTGCTGTTCGACAACTTCACAGAGAGCTCGCTGAGACAGAGCTGTAGAGAGAGAG 638

```
QY 142 GYIYTSerSerLyProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
DB 639 GGCTACAGC-----AGAGCTGGAGATTGGCCAGACAGAGATCTGGAT 683
QY 162 ValValGluIleThrGlnAsnSerGlnIleuArgMetArgAsnSerSerGlyProCys 181
DB 684 GTTGTGAAATCAGAGAAACAGCCAGAGACTTCCAGATGCGAACTCAAGTGGGCTCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHiSCysLeuAlaCysGlyLySerLeuLyThrPro 201
DB 744 CTCACAGGCTCCCTGGTCTCCCTGACATGCTCTGCTGGAGAGAGACTCGAAGACCCCC 803
QY 202 ArgValValGlyGlyGluGlnAlaSerValAspSerTrpProTyrGlnValSerIleGln 221
DB 804 CGTGGGTGGGTGGGAGAGAGGCTCTGTGGATTTCTTGGGCTTGGCGAGTCAACATCCAG 863
QY 222 TyrAspLySerGlnHiSCysGlyGlySerIleLeuAspProHiSTrpValIleuThrAla 241
DB 864 TACGACAAACAGACGCTGTGTGGAGGAGCATCTGGACCCCACTGGGCTCTCACGGCA 923
QY 242 AlaHiSCysPheArgLySHiSThrAspValPheAsnTrpLySValArgAlaGlySerAsp 261
DB 924 GCCACAGCTCTTCAAGAAACATACCGATGTCTCAACTGGAAAGGTGGGAGGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsnPro 281
DB 984 AAACCTGGGCACTCCCATCTGGCTGGCCAGATCATCATCTTAATTCAACCC 1043
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
DB 1044 ATGTACCCCAAAACATAGATGATGCTCCCTCATGAACTGCACTGCTCCATCTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPheAspGlyGluLeuThrProLanThrPro 321
DB 1104 GGCACAGTCAAGGCCATCTGTCTGCCCTTCTTGTATGAGAGACTCACTCCAGCCCA 1163
QY 322 LeuTrpIleIleGlyTyrPqlPheThrLySGlnAsnGlyLyLysMetSerAspIleLeu 341
DB 1164 CTCTGATATATGGAGGGGCTTTACGAAAGCAATGAGGGGAGATGTCTGACACTACTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
DB 1224 CTGCAAGGCGTCAAGTCAAGTCAATTCACACACACAGCTGCAATGCAAGAGTGGCTACAG 1283
QY 362 GlyGlyValThrGlnLysMetMetCysAlaGlyIleProGlnGlyGlyValAspThrCys 381
DB 1284 GGGGAAGTCAACGAAAGATGATGTGTGAGGCAATCCCGAAGGGGGTGTGAACCTTGC 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHiSCysValIleGlyTle 401
DB 1344 CAGGCTGACAGTGTGGGCCCCCTGATGATCCAAATCTGACAGTGTGTGGGCTATC 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValIleTyrThrLysValSer 421
DB 1404 GTTAGCTGGGCTATAGCTGGCGGGGCCCGAGCACCCAGAGATATACCAAGATCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValIleTyrLysValIleGlnLeu 435
DB 1464 GCCTATCTCAACTGATCTACATGTCTGGAAAGGCTGAGCTG 1505
RESULT 119
; Sequence 274, Application US/10015391A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Bocstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Katon, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
```

```
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PIC59
CURRENT APPLICATION NUMBER: US/10/015,391A
Pilot Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 274
LENGTH: 2063
TYPE: DNA
ORGANISM: Homo sapiens
US-10-015-391A-274
Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1
US-10-803-530-2 (1-435) x US-10-015-391A-274 (1-2063)
QY 2 AspProAspSerArgGlnProLeuAsnSerLeuAspValIleProLeuArgLySProArg 21
DB 219 GATCTGACAGTATATCAACCTTGAACACCTCGATGCAACCCCTGGCAACCCGCT 278
QY 22 IleProMetGlnThrPheArgLySValGlyIleProIleIleIleAlaLeuSerLeu 41
DB 279 ATCCCATGAGACCTTTCAGAAAGGTGGGATCCCATCATATATGCACTACAGCCCTG 338
QY 42 AlaSerIleIleIleValIleuIleLySValIleLeuAspLySTyrPheLeu 61
DB 339 GCGAGTATCATCATTTGTGTCTCTCATCAAGGATTCGATTAATCTACTTCTC 398
QY 62 CysGlyGlnProLeuHiSCysIleProArgLySValIleuCysAspGlyGluLeuAspCys 81
DB 399 TCGGGCAGCCTCTCCACTTCAATCCCGAGGAAGCAGCTGTGTGACGAGAGCTGGACTGT 458
QY 82 ProLeuGlyGluAspGlyGlnHiSCysValIysSerPheProGlnGlyProAlaValAla 101
DB 459 CCTTGGGGAGAGAGAGAGACATGTCTCAAGAGCTTCCCGAAGGGCTGTGAGTGGCA 518
QY 102 ValArgLeuSerLyAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
DB 519 GTTCGCTCTTCCAAAGACCGATCCACATGCAAGTGTGTGACTGGCCACAGGGAACCTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGluTrpAlaCysArgGlnMet 141
DB 579 TTCTGTGCTGTTCGAACTTCAAGAAAGCTCTCGTGAACAGCTGTGAGGCAAGT 638
QY 142 GlyTyrSerSerLyProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
DB 639 GGCTACAGC-----AGAGCTGTGAGATTGGCCAGACAGAGATCTGGAT 683
QY 162 ValValGluIleThrGlnAsnSerGlnIleuArgMetArgAsnSerSerGlyProCys 181
DB 684 GTTGTGAAATCAGAGAAACAGCCAGAGACTTCCAGATGCGAACTCAAGTGGGCTCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHiSCysLeuAlaCysGlyLySerLeuLyThrPro 201
DB 744 CTCACAGGCTCCCTGGTCTCCCTGACATGCTCTGCTGGAGAGAGACTCGAAGACCCCC 803
QY 202 ArgValValGlyGlyGluGlnAlaSerValAspSerTrpProTyrGlnValSerIleGln 221
DB 804 CGTGGGTGGGTGGGAGAGAGGCTCTGTGGATTTCTTGGGCTTGGCGAGTCAACATCCAG 863
```

QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisIleTyrValIleuThrAla 241
DB 864 TACGACAAACGACAGCTGTGTGAGGAGGACATCTGAGACCCCTGGGTCTTCAACGGCA 923
QY 242 AlaHisCysPheArgLysHisIleThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
DB 924 GCCACATGCTTCAAGAAACATACCGATGTGTTCAACTGGAAAGTGGCGGACGGCTCAAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsnPro 281
DB 984 AAACGGGACAGCTTCCCATCCCTGCTGTGGCCAAAGATCATCATTAATTCACACCCC 1043
QY 282 MetTrpPheLysAspAsnAspIleAlaLeuMetLysGlnIlePheProLeuThrPheSer 301
DB 1044 ATGTACCCCAAGACATGACATCCCTCATGAGAGCTGACAGTCCCATCTCACTTCTTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
DB 1104 GGACAGTCAAGCCCATCTGTCTGTCCCTTCTTGTATGAGAGCTCACTCCAGCCACCCCA 1163
QY 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
DB 1164 CTCTGATCATTTGATGAGGGCTTTTACAGCAGATGAGAGGAGATGCTGACATCTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpGln 361
DB 1224 CTGACGGGCTGACATGACAGTCAATGACAGCACAGCTGCATGACAGACAGAGCGTAC 1283
QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
DB 1284 GGGGAGTCAACGAGAAATGATGTGTGACAGCATCCCGAAGGGGGTGTGACACCTGC 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTrpGlnSerAspGlnTrpHisValGlyIle 401
DB 1344 CAGGCTGACAGTGTGGGGCCCTGATGACCATCTGACAGTGCATGTGTGGGCTATC 1403
QY 402 ValSerTrpGlyTrpGlyCysGlyGlyProSerThrProGlyValTrpThrLysValSer 421
DB 1404 GTTAGCTGGGGGTATGGCTGCGGGGGCCGAGCACCCCGAGTATACCAAGGCTCTCA 1463
QY 422 AlaTrpLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
DB 1464 GCTTATCTCACTGATCTTACATGTCTGAGAGGCTGAGCTG 1505

RESULT 120
US-10-015-392A-274
Sequence 274, Application US/10015392A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey J.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PIC58
CURRENT APPLICATION NUMBER: US/10/015,392A
CURRENT FILING DATE: 2001-12-12
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01

PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 274
LENGTH: 2063
TYPE: DNA
ORGANISM: Homo sapiens
US-10-015-392A-274
Alignment Scores:
Pred. No.: 0
Score: 2297.50
Percent Similarity: 98.85%
Best Local Similarity: 98.85%
Query Match: 98.10%
DB: 40
Gaps: 1
US-10-803-530-2 (1-435) x US-10-015-392A-274 (1-2063)
QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgProArg 21
DB 219 GATCTGACAGTGAATCACTCTGAAAGCTCTGATGTCAAACCCCTGGCAAACTCCGT 278
QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
DB 219 ATCCCATGAGACCTTACAGAAAGTGGGATCCCATCATATAGCATAGAGCCCG 338
QY 42 AlaSerIleIleIleValValIleuIleLysValIleLeuAspLysTrpThrPheLeu 61
DB 339 GCGAGTATCATCATTTGTGTCTCTCATCAAGGTGATTCGATTAATTAATCTTCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
DB 399 TCCGGGACGCTCTCCACTTCACTCCGAGAAAGCACTGTGTGACGAGAGCTGACTGT 458
QY 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
DB 459 CCTTTGGGGAGAGAGAGAGCATGTGTCAAGACTTCCCGAAGGGGCTGCAAGTGGCA 518
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
DB 519 GTCGCTCTTCAAGACCGATCCACATGCAAGGTGTGCACTCGGCCCAAGGAACTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysAspArgIleMet 141
DB 579 TTCTCTGCTGTGTGTGACAACTTCAAGAAAGTCTCGTGAACAGCCGTGTAGCGAGATG 638
QY 142 GlyTrpSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
DB 639 GGTACAGC-----AGAGCTGTGAGATTGGCCCAAGCAAGATCTGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnLeuArgMetArgAsnSerSerGlyProCys 181
DB 684 GTTGTGAATACAGAAACAGCAGAGAGCTTCCATGCGGAATCAAGTGGGCTCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuTrpPro 201
DB 744 CTCTAGGCTCTCCGTGTCTCTGCACTGTCTTGTGGAGAGGCTGAAAGACCC 803
QY 202 ArgValValGlyGlyGluGluLysSerValAspSerTrpProTrpGlnValSerIleGln 221

Db	804	CGTGTGGTGGGTGGGAGGAGGAGCGCTCTGTGGATCTTGAGCTTGAGCGGTGAGCATTCAG	863
QY	222	TYRASPYSGINHISVALCYSGIYGISERTILEUMSPROHISTPVALLEUTHALA	241
Db	864	TACGACAAACAGCAGCGTCTGTGTGAGGAGACATCTTGAGACCCCACTGAGTCTTCACGGCA	923
QY	242	ALAHISCPREHAAGLYVHISTHASPVALPHEASNTPLYSVALARGALAGISERASP	261
Db	924	GCCACATGCTTCAGAGAAACATACCGAATGTGTTCAACTGAGAAAGTGGCGGAGGCTCAGAC	983
QY	262	LYSLEUGLYSERPHEPROSERLEUALAVALALYVSTLEILEILEILEGILPHEANPRO	281
Db	984	AACTGGGAGCGCTTCCCATCCCTGCGCTGTGGCCAGAGATCAATCAATGATTAATCAACCC	104
QY	282	METTYRPROLYSASPANAPPIEALALEUMETLYSLEUGLINPHEPROLEUTHPHESER	301
Db	1044	ATGTAACCCCAAAACATGACATGACGCCCTCATGAGCTGACAGTTCCCATCTACTTCTCA	110
QY	302	GLYTHRVALARGPROILECYSLAUPROPHIEPHEASGLINLEUTHPROALATHPRO	321
Db	1104	GGCAGCGTACGGCCCATCTGTCTGCGCTTCTTTGAAGAGAGCTCACTCCACCAACCCCA	116
QY	322	LEUTPLILEILEGLYTRPGLYPHEMTHLYSGINASNGIYGILYVMESESPILLETU	341
Db	1164	CTCTGGATCATYGGATGGGGCTTTACGAAAGCAAGATGAGGGAGATGTCTACATACG	122
QY	342	LEUGNALASERVASGINVALILEASPERTHARGCYASNALAASPAPALATYRGLIN	361
Db	1224	CTGCAGGCGTCAGTCCAGGTCACTTGACACACACGGTGCMAATGCACATGCGTACACG	128
QY	362	GLYGLIVALATHGLULYSMEHMECYALAGIYILEPROGLUGLYGILVALASPTHCY	381
Db	1284	GGAGAACTACCGAGAAATGATGTGTGCAGGCACTCCGAAAGGGGGTGGACACTCG	134
QY	382	GLINGIYASPERGILYGILYPROLEUMETYRGINSEARAPGINTPHISVALAGIYILE	401
Db	1344	CAGGGTACAGTGTGTGGGCGCCCTGATGTRACAACTGACACAGTGCATGTGTGGCATTC	140
QY	402	VALSERTPGILYTRGILCYSGIYGILYPROSETRHPRGILYVALYTRTHLYSVALSER	421
Db	1404	GTTACTGTGGGCTTATGGCTGCGGGGGCCGAGACCCACGAGAGTATACCAAGTCTCA	146
QY	422	ALATYRLEUASENTPLILETYRASNVALTRPLYSALAGILEU	435
Db	1464	GCTATATCAACTGATCTTCAACTATCTGGAAGGCTGAGCTG	150
RESULT 121			
US-10-015-394A-274			
Sequence 274, Application US/10015394A			
GENERAL INFORMATION:			
APPLICANT: Baker, Kevin P.			
APPLICANT: Bostein, David			
APPLICANT: Desnoyers, Luc			
APPLICANT: Eaton, Dan L.			
APPLICANT: Ferrara, Napoleone			
APPLICANT: Fong, Sherman			
APPLICANT: Gao, Wei-Qiang			
APPLICANT: Goddard, Audrey			
APPLICANT: Godowski, Paul J.			
APPLICANT: Grimaldi, Christopher J.			
APPLICANT: Gurney, Austin L.			
APPLICANT: Hillan, Kenneth J.			
APPLICANT: Pan, James			
APPLICANT: Paoni, Nicholas F.			
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic			
TITLE OF INVENTION: Acids Encoding the Same			
FILE REFERENCE: P2830P1C41			
CURRENT APPLICATION NUMBER: US/10/015,394A			
CURRENT FILING DATE: 2001-12-11			
PRIOR APPLICATION NUMBER: 60/098716			
PRIOR FILING DATE: 1998-09-01			
PRIOR APPLICATION NUMBER: 60/098723			

/	Prior Filing Date:	1998-09-01			
/	Prior Application Number:	60/098749			
/	Prior Filing Date:	1998-09-01			
/	Prior Application Number:	60/098750			
/	Prior Filing Date:	1998-09-01			
/	Prior Application Number:	60/098803			
/	Prior Filing Date:	1998-09-02			
/	Prior Application Number:	60/098821			
/	Prior Filing Date:	1998-09-02			
/	Prior Application Number:	60/098843			
/	Prior Filing Date:	1998-09-02			
/	Prior Application Number:	60/099536			
/	Prior Filing Date:	1998-09-09			
/	Prior Application Number:	60/099596			
/	Prior Filing Date:	1998-09-09			
/	Prior Application Number:	60/099598			
/	Prior Filing Date:	1998-09-09			
/	Removing Prior Application data removed - See File Wrapper or PALM.				
/	NUMBER OF SEQ ID NOS:	477			
/	SEQ ID NO:	274			
/	LENGTH:	2063			
/	TYPE:	DNA			
/	ORGANISM:	Homo sapiens			
/	US-10-015-394A-274				
Alignment Scores:					
Pred. No.:	0	Length:	2063		
Score:	2297.50	Matches:	429		
Percent Similarity:	98.85%	Conservative:	0		
Best Local Similarity:	98.85%	Mismatches:	0		
Query Match:	98.10%	Indels:	5		
DB:	40	Gaps:	1		
US-10-803-530-2 (1-435) x US-10-015-394A-274 (1-2063)					
OY	2	AASPProaspeAspGlnProlLeuAnsSerLeuAspValLysProlLeuArgLysProlArg	21		
Db	219	GATCTTGACAGTATTCACACTCGGAACAGCTCGATGTAAACCCCTGGCAACCCCCTG	27		
OY	22	IlePrometCtLuthrPheArlylsValIglylleProllellealeuleuSerleu	41		
Db	279	ATCCCAATGAGAAGCTTCAGAAAGGCGGAGATCCCCCATCATGACACTGACCTG	33		
OY	42	AlaserllellelleValValleullellysValilleuasplysTyrrPheleu	61		
Db	339	GCAGATATCATTTGTGGTTGTCTTCATCAAAGGATTCGGATTGAAATACTACTCTTC	39		
OY	62	CySgLYcInProlLeuHisPheIleProlArgLysGlnLeuCyAspGlyGLuLeuAspCys	81		
Db	399	TGGCGGAGGCTCTCCACTTCATCCCGAGGAAGCAGCTGTGTGACGAGAGCTGACTGT	45		
OY	82	ProlLeuGLyGLuAspGLuGLuHIScyEvallysSerPheProGLuGLyProlalavalala	101		
Db	459	CCCTTGGGGAGGACAGGAGCAGCTGTGTCAAAGCTTCCCGAAGGGCTGCAGTGCA	51		
OY	102	ValArgLeuSerLyAspArgSerThriLeuGlnValleuaspserralathnglyAsnTrp	121		
Db	519	GTCGGCTCTCCAAAGGACCGATCCACATCGAGGTGCTCGACTGGGCCAACAGGAACTGG	57		
OY	122	PheSerAlaCysPheAspAsnPhethrGlualaleualaagluthralaCYBARGLmet	141		
Db	579	TTCCTGCGCTGTTTGGACAACTTCCAGAACTCTCGCTGAGACAGCTGTAGGACGATG	63		
OY	142	GLYTyrSerSerLyProThrPheArgAlaValagluileglyProlaspGlnabpLeuasp	161		
Db	639	GGCTNAGC-----AGAGCTGTGGAGATGTGCCCAAGCCAGGATTCGAT	683		
OY	162	ValValGLuIlethrGluAsnSerGlnIleuArymerArAsnSerSerLyProCys	181		
Db	684	GTTGTGTAATCACAGAAAACAGCCAGAGAGCTTGCAATGGGAACTCAAGTGGCCCTGT	743		
OY	182	LeuSerGlySerLeuValserLeuHisCyleuAlaCySgLYsSerLeuLythrPro	201		

Db 744 CTTCAGAGCTCCCTGCTCTCCCTGCACTGCTGCTGGGAAGAGCTGAGACCC 803
Qy 202 ArgValValGlyGlyGluGluAlaSerValAspSerProTyrGlnValSerIleGln 221
Db 804 CGTGTGGGTGGGAGAGAGAGCTGTGTGATTTCTTGGCTTGGCAGATGCAAG 863
Qy 222 TyrAspGlyGlnHisValCysGlyGlySerIleLeuAspProHisTyrValLeuThrAla 241
Db 864 TACGACAAACGACAGCTGTGTGAGAGAGCATCTCGAGCCCTGAGTCTTCAGGCA 923
Qy 242 AlaHisCysPheArgLysHisIleThrAspValPheAsnTyrValArgAlaGlySerAsp 261
Db 924 GCCACGTGCTTCAGGAACATACCGATGTGTTCACTGGAAGTGGCGGAGGCTCAGAC 983
Qy 262 LysLeuGlySerPheProSerLeuAlaValAlaValIleIleIleIleGluPheAsnPro 281
Db 984 AAACGGGAGAGCTCCCATCCCTGGCTGTGGCAAGATCATCATTAATTCACACCC 1043
Qy 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGACATGATGATGCGCTCATGAGCTGAGTTCCACTCTTCTCA 1103
Qy 302 GlyThrValArgProIleCysLeuProPheAspGluGluLeuThrProAlaThrPro 321
Db 1104 GGCAAGTCAGGCCCATCTGTCTGCTCTTGTATGAGAGCTCACTCCAGCCACCCCA 1163
Qy 322 LeuTyrIleIleGlyTyrGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
Db 1164 CTGTGATCATTTGATGGGGCTTTACGAAAGCAATGAGAGGAGATGTCTGACATAC 1223
Qy 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGCAAGGCTCATGCTCAATGACAGACACCGGTGATGACAGATGCTGACAG 1283
Qy 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db 1284 GGGGAAGTCACCGAAGATGATGTGTGAGGATCCCGAAGGGGGTGTGACACTG 1343
Qy 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTyrHisValValIle 401
Db 1344 CAGGCTGACAGTGTGGGCGCCCTGATGATCAATCTGACCATGTGATGTGGGCTC 1403
Qy 402 ValSerTyrGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
Db 1404 GTTACTGGGTATGTGGCTGCGGGGAGCCAGACACCCAGAGATACCAAGGTTCTCA 1463
Qy 422 AlaTyrLeuAsnTyrIleTyrAsnValTyrLysAlaGluLeu 435
Db 1464 GCTTATCTCACTGATCTACATGTCTGGAAGGCTGAGCTG 1505

RESULT 122
US-10-015-395A-274
Sequence 274, Application US/10015395A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2830PLC57
CURRENT APPLICATION NUMBER: US/10/015,395A
CURRENT FILING DATE: 2001-12-12

; Prior application removed - See file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 274
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-015-395A-274
Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
Gaps: 1
DB: 40
US-10-803-530-2 (1-435) x US-10-015-395A-274 (1-2063)
Qy 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
Db 219 GATCCTGACATGATCAACCTCTGAAAGAGCTTCGATGCAACCCCTGCGAAACCCCGT 278
Qy 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
Db 279 ATCCCAATGAGACCTTCAGAAAGGTGGAGATCCCATCATCATATGACATAGGCTG 338
Qy 42 AlaSerIleIleIleValIleValIleuIleLysValIleLeuAspLysTyrTyrPheLeu 61
Db 339 GCGAGTATCATATTTGTGTGTCTCATCAAGGTGATTCGTGATTAATTAATTAATCTTCTC 398
Qy 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
Db 399 TGGCGGAGCGCTTCTCACTTCATCCGAGAGAGAGCTGTGTGAGAGAGAGTGTGAT 458
Qy 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
Db 459 CCTTGGGGGAGGACGAAAGACATGTGTCAAGACCTTCCGAAAGGCTGTGAGTGCA 518
Qy 102 ValArgLeuSerLysAspArgSerThrLeuGlnValIleLeuAspSerAlaThrGlyAsnTyr 121
Db 519 GTCCGCTCTCCAGAGACCATTCACACTGCAAGGTGTGAGTCCGCGCAAGGAACTGG 578
Qy 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 579 TTCTGTGCTGTGTTGACAACTTGCAGAGGCTCGCTGAGACAGCTGTGAGCAGATG 638
Qy 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCTACAGC-----AGAGCTGTGAGATTGGCCAGACCAAGGATCTGAT 683
Qy 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTGTAATTCAGAAACAGCAAGAGAGCTTCGATGCGGAATTCAGATGGGCCCTGT 743
Qy 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
Db 744 CTCTAGGCTCCCTGTGTCTCTCTGCACTGTCTGTGGGGAAGAGCTGAAAGCCCTCA 803
Qy 202 ArgValValGlyGlyGluGluAlaSerValAspSerTyrProTyrGlnValSerIleGln 221
Db 804 CGTGTGGGTGGGAGAGAGAGCTGTGTGATTTCTTGGCTTGGCAGATGCAAG 863
Qy 222 TyrAspGlyGlnHisValCysGlyGlySerIleLeuAspProHisTyrValLeuThrAla 241
Db 864 TACGACAAACGACAGCTGTGTGAGAGAGCATCTCGAGCCCTGAGTCTTCAGGCA 923
Qy 242 AlaHisCysPheArgLysHisIleThrAspValPheAsnTyrValArgAlaGlySerAsp 261
Db 924 GCCACGTGCTTCAGGAACATACCGATGTGTTCACTGGAAGTGGCGGAGGCTCAGAC 983
Qy 262 LysLeuGlySerPheProSerLeuAlaValAlaValIleIleIleIleGluPheAsnPro 281
Db 984 AAACGGGAGAGCTCCCATCCCTGGCTGTGGCAAGATCATCATTAATTCACACCC 1043

QY 282 MetYrProLyAspAsnAspIleAlaLeuMetLySLeuGlnPheProLeuThrPheSer 301
 Db 1044 ATGTACCCCAAGACATGATACATCGCCCATGAAAGCTGAGTTCCTCCACTCTTTCCTCA 1103
 QY 302 G1YThrValArgProIleCysLeuProPhePheAspGlnGluLeuThrProAlaThrPro 321
 Db 1104 GGCAACAGTCAGGCCCATCTGTCTGCCCTTCTTATGAGAGCTCACTCCAGCCACCCCA 1163
 QY 322 LeuTrpIleIleGlyTrpGlyPheThrLySglnAsnGlyGlyLyMetSerAspIleLeu 341
 Db 1164 CTCTGATCATTTGATGAGGAGGCTTTACGAAAGCATGAGGAGAGATGTCGACATCTG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrgln 361
 Db 1224 CTGACGGCGTCAGTCCAGTCACTTACAGCACAGGTCGCAATGACAGATGGGTACAG 1283
 QY 362 G1YglnValThrGlyLyMetMetCysAlaGlyIleProGlnGlyGlyValAspThrCys 381
 Db 1284 GGGAGAGTCACCGAAGATGATGTGACAGGCATCCGGAGGGGGGTGTGACACCTGC 1343
 QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrglnSerAspGlnTrpHisValValGlyIle 401
 Db 1344 CAGGTGACATGATGTGGGCCCTTGATGTACCAATCTGACAGTGCATGTGGGCACTC 1403
 QY 402 ValSerTrpGlyTyrglyCysGlyGlyProSerThrProGlyValTyrrHisValSer 421
 Db 1404 GTTAGCTGGGCTATGCTCGGGGGCCGAGCACCCAGAGATATACCAAGGTCTCA 1463
 QY 422 AlaTyrrLeuAsnTrpIleTyrrAsnValTrpValAlGlnLeu 435
 Db 1464 GCCTATCTCAATGAGATCTACATGTCTGAGAGCTGAGCTG 1505

RESULT 123

US-10-015-480A-274
 ; Sequence 274, Application US/10015480A
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnovers, Luc
 ; APPLICANT: Eaton, Dan I.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Guiney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2830P1C50
 ; CURRENT APPLICATION NUMBER: US/10/015,480A
 ; Prior Application removed - 2002-06-25
 ; NUMBER OF SEQ ID NOS: 477
 ; SEQ ID NO 274
 ; LENGTH: 2063
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-015-480A-274

Alignment Scores:

Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-015-480A-274 (1-2063)

QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLySProLeuArgLySProArg 21
 Db 219 GATCTCGACAGTGAATCACTCTGAACAGCTTCAGTGTCAAACTCTCGCAAACTCCGT 278
 QY 22 IleProMetGluThrPheArgLySValGlyIleProIleIleAlaLeuLeuSerLeu 41
 Db 279 ATCCCATGAGAACCTTACGAAAGGTGGGAGTCCCATCATCATCATAGCACTAGAGCTCG 338
 QY 42 AlaSerIleIleValValValLeuIleuValIleLeuAspLySlyTyrrPheLeu 61
 Db 339 GCGAGTATCATATGTGTGTCTCATCAAGGTGATTCGTGATTAATCTACTCTCTC 398
 QY 62 CysGlyGlnProLeuHisPheIleProArgLySglnLeuCysAspGlyGlyLeuAspCys 81
 Db 399 TCCGGGAGCTCTTCACCTTATCTCCAGAGGAGCAGCTGTGTGACGAGAGAGTGACTGT 458
 QY 82 ProLeuGlyGlyAspGlyGlyIleCysValLySAspProGlnGlyProAlaValAla 101
 Db 459 CCTTGGGGGAGAGAGAGACATGTGTCAAGACTTCCCGAAGGGGCTTCGACGTGGCA 518
 QY 102 ValArgLeuSerLySAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
 Db 519 GTCCGCTCTTCAGAGACCATCCACATCCAGGTGCTGGAAGTCTGGCCACAGGGAACTGG 578
 QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlyThrAlaCysArgGlnMet 141
 Db 579 TTTCTGCTGCTGTTTCCAGCACTTCAAGAGCTCTCTGCTGAGACAGCTGTAGGCGAGATG 638
 QY 142 GlyTyrrSerSerLySProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp 161
 Db 639 GGTACAGC-----AGAGCTGTGAGATTTGGCCACACAGATCTCGAT 683
 QY 162 ValValGlnIleThrGlnAsnSerGlnGlyLeuArgMetArgAsnSerSerLyProCys 181
 Db 684 GTTGTGTAATCAACAGAAACAGCCAGAGCTTCGATCGGAACTCAAGTGGGCTGT 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysValAlaCysGlyLySLeuLySThrPro 201
 Db 744 CTCTCAGGCTCCCTGGTCTCCCTGACATGTCTTGGCTGTGGAAAGCTTGAAGACCTCC 803
 QY 202 ArgValValGlyGlyGlnGlnValSerValAspSerTrpProTrpGlnValSerIleGln 221
 Db 804 CGTGTGTGGGTGGGAGAGGCTCTGTGATTTCTTGGCTTGGCAGATCAGATCCAG 863
 QY 222 TyrAspLySglnHisValCysGlyLySerIleLeuAspProHisIleTrpValLeuThrAla 241
 Db 864 TAGACAAACAGACAGTGTGTGAGAGAGCATCTTGACCCCACTGGGCTCTCAAGGCA 923
 QY 242 AlaHisCysPheArgLySHisThrAspValPheAsnTrpLySValArgAlaGlySerAsp 261
 Db 924 GCCCACTGTCTTGAAGAAACATACCATGTGTCAACTGAAAGTGGGGGAGGCTCAGAC 983
 QY 262 LySLeuGlySerPheProSerLeuAlaValAlaValIleIleIleIleGluPheAspPro 281
 Db 984 AAACGTGGGAGTTCATCCCTGCTGTGGCTTGGCCAAAGATCATCATGATTCATCAACCC 1043
 QY 282 MetTyrrProLySAspAsnAspIleAlaLeuMetLySLeuGlnPheProLeuThrPheSer 301
 Db 1044 ATGTACCCCAAGACATGATGATGCTCCCTCATGAAAGTTCGAGTTCCACATCACTTTCTCA 1103
 QY 302 G1YThrValArgProIleCysLeuProPhePheAspGlnGluLeuThrProAlaThrPro 321
 Db 1104 GGCAACAGTCAGGCCCATCTGTCTGCCCTTCTTATGAGAGCTCACTCCAGCCACCCCA 1163
 QY 322 LeuTrpIleIleGlyTrpGlyPheThrLySglnAsnGlyGlyLyMetSerAspIleLeu 341
 Db 1164 CTCTGATCATTTGATGAGGCTTTACGAAAGCATGAGAGAGATGTCTGACATATCTG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrgln 361
 Db 1224 CTGACGGCGTCAGTCCAGTCACTTGAACAGCAGGTGACATGACAGATGTGTACAG 1283

QY 362 G1YGIUValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
DB 1284 GGGGAAGTCAACCGAAGATATGTGTCCAGGCAATCCCGAAGGGGGTGTGACACTGC 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrrPHisValValGlyIle 401
DB 1344 CAGGGTGAACAGTGGTGGGCCCCCTGATGTACCAATCTGACAGTGGCATGTGGTGGCATC 1403
QY 402 ValSerTrpGlyTyrGlyGlyGlyGlyProSerThrProGlyValIleTrrThyValSer 421
DB 1404 GTTAGCTGGGGCTATGTGGCTGGGGGCCCGAGCACCCGAGGATATACCAAGGTCTCA 1463
QY 422 AlaTrrLeuAsnTrrPleTrrAsnValTrrPlysAlaGluLeu 435
DB 1464 GCCTATCTCACTGAGATCTTAAATGTCTGAAAGCTGAGCTG 1505

RESULT 124
US-10-015-499A-274
Sequence 274, Application US/10015499A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Bocstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Goddard, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Guiney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas P.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2830P1C42
CURRENT APPLICATION NUMBER: US/10/015,499A
CURRENT FILING DATE: 2001-12-11
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 274
LENGTH: 2063
TYPE: DNA
ORGANISM: Homo sapiens
US-10-015-499A-274

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
Gaps: 1

US-10-803-530-2 (1-435) x US-10-015-499A-274 (1-2063)

QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIleProLeuArgLysProArg 21
DB 219 GATCCCTGACAGTGAATCAACTCTGAAACAGCTCGATGTCAAACCCCTGGCAAAACCCCTC 278
QY 22 IleProMetGlnThrPheArgLysValGlyIleProIleIleAlaLeuMetSerLeu 41
DB 279 ATCCCCAAGAGACCTTCAGAAAGGGGAGATCCCATATCATATACACTTACAGCTG 338
QY 42 AlaSerIleIleIleValValValIleuIleLysValIleLeuAspLysTrrThyPheLeu 61
DB 339 GCGAGATATCATCTGT 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
DB 399 TCGGGGACAGCTCTCCACTTCACTCCGAGGAAGAGAGCTGTGTGTGTGTGTGTGTGTGTGT 458

QY 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
DB 459 CCTTGGGGGAGAGACGAGAGACATGTGTCAAGAGCTTCCCGAAGGGGCTGTGACATGCA 518
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrr 121
DB 519 GTCCGCTCTTCCAAAGACCGATTCACATGTGAGGTGTGTGTGTGTGTGTGTGTGTGTGT 578
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluTrrAlaCysArgGlnMet 141
DB 579 TTCCTGTCTTTCGACACTTCAACAGAGCTTCCGTGAGACAGCTTGTAGGAGATG 638
QY 142 GlyTrrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
DB 639 GCGTACAGC-----AGAGCTGTGAGATGTGCCCCAGACCAAGATCTGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnLeuArgMetAlaGlnSerSerGlyProCys 181
DB 684 GTTGTGAAATCAGAGAAACAGACAGAGCTTGTGCATGTGCGAATCTCAAGTGGCCCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysAlaLeuAlaCysGlyLysSerLeuThrPro 201
DB 744 CTCTCAGGCTCCCTGTCTCCCTGACTGTCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 803
QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrrProTrrGlnValSerIleGln 221
DB 804 CGTGTGTGGGTGGAGAGAGAGCTCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 863
QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrrValLeuThrAla 241
DB 864 TACAGAAACAGACAGT 923
QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrrLysValArgAlaGlySerAsp 261
DB 924 GCCACCTGCTCAGAGAAATACAGATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsnPro 281
DB 984 AAACGGGACAGCTTCCCTGT 1043
QY 282 MetTrrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
DB 1044 ATGTACCCCAAGACATATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
DB 1104 GGCACAGTCAAGGCCATGT 1163
QY 322 LeuTrrIleIleGlyTrrGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
DB 1164 CTCTGATCATTTGATGTGGGCTTTTACGAAGCAGATGTGAGGGAGATGTGTGTGTGTGTGT 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrrGln 361
DB 1224 CTGCAAGGCTCAGTCAAGTCAATTCAGACACAGCTGTGATGACAGATCGTACAG 1283
QY 362 GlyValValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
DB 1284 GGGGAAGTCAACCGAAGATATGTGTCCAGGCAATCCCGAAGGGGGTGTGACACTGC 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrrPHisValValGlyIle 401
DB 1344 CAGGGTGAACAGTGGTGGGCCCCCTGATGTACCAATCTGACAGTGGCATGTGGTGGCATC 1403
QY 402 ValSerTrpGlyTyrGlyGlyGlyGlyProSerThrProGlyValIleTrrThyValSer 421
DB 1404 GTTAGCTGGGGCTATGTGGCTGGGGGCCCGAGCACCCGAGGATATACCAAGGTCTCA 1463
QY 422 AlaTrrLeuAsnTrrPleTrrAsnValTrrPlysAlaGluLeu 435
DB 1464 GCCTATCTCACTGAGATCTTAAATGTCTGAAAGCTGAGCTG 1505

RESULT 125

US-10-015-519A-274
; Sequence 274, Application US/10015519A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deamoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C49
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 274
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-015-519A-274

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
Gaps: 1
DB: 40

US-10-803-530-2 (1-435) x US-10-015-519A-274 (1-2063)

QY 2 AspProAspSerArgGlnProLeuAsnSerLeuAspVallyAsProLeuArglyAsProArg 21
DB 219 GATCTCAACAGTGTATCAACCTCTGAACAGCTCGATGCAAACTCCGCGCAACCCCGT 278
QY 22 IleProMetGlnThrPheArgGlyValGlyIleProIleIleIleAlaLeuSerLeu 41
DB 279 ATCCCAATGAGACCTTCAAGAAAGTGGGATCCCATCATCATATGACACTAGAGCTG 338
QY 42 AlaserIleIleIleValIleValIleValIleValIleValIleValIleValIleVal 61
DB 339 GCGAGTATCATCATGTTGGTTGTTGTTCTCATCAAGGTGATTCGGATTAATCTACTTCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArglyGlnLeuGlyAspGlyGlnLeuAspCys 81
DB 399 TGGGGGAGAGCTCTCCACTTCATCCGAGAAAGAGCTGTGTGACGAGAGAGCTGACTGT 458
QY 82 ProLeuGlyGlnAspGlnGlnHisCysValIlySerPheProGlyGlyProAlaValAla 101
DB 459 CCTTGGGGAGAGACGAGAGACCTGTGTCAAGAGCTTCCCGCAAGAGCTGCACTGGCA 518
QY 102 ValArgLeuSerlyAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
DB 519 GTCCGCTCTCCAGAGACCGATCCACTCGAGGTGCTGAGACTGGCCACAGGAACTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCysArgGlnMet 141
DB 579 TTCTCTCTCGTTTGCACAACTTCACAGAGCTCTCCGTGAGACAGCTGTAGGCAATG 638
QY 142 GlyTyrSerSerlyAspProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp 161
DB 639 GGCTACAGC-----AGAGCTGTGAGATTGGCCCAAGCCAGAGATCTGGAT 683
QY 162 ValValGlnIleThrGlnAsnSerGlnGlnLeuArgGlnGlnArgGlnSerGlyProCys 181

DB 684 GTTGTAAATTCACAGAAACAGCCAGAGCTTCGATGGGAACTCAATGGGCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIlySerLeuIlyThrPro 201
DB 744 CTCTCAGAGCTCCCTGGTCTCTCGACATGCTTGGGAGAGGCTGGAAGACCCCG 803
QY 202 ArgValValGlnIlyGlnGlnAlaSerValAspSerTrpProThrGlnValSerIleGln 221
DB 804 CGTGTGGTGGTGGAGAGAGGCTCTGTGATTTCTTGGCTGGGAGGTCACATCCAG 863
QY 222 TyrAspGlyGlnHisValCysGlyIlySerIleLeuAspProHisTrpValIleuThrAla 241
DB 864 TACGACAAACAGACGCTGTGTGAGAGGAGATCTGAGACCCCACTGGCTTCAGGCA 923
QY 924 GCCCACTGCTTACAGAAACATACCGATGTGTTCACTGGAAGGTGGGGGAGGCTCAGAC 983
QY 262 IlyLeuGlySerPheProSerLeuAlaValAlaIlyIleIleIleIleIleIleIleIle 281
DB 984 AAACCTGGGAGCTTCCATCCCTGGCTGTGGCCAGATCATCATGATTCATTCATTCAC 1043
QY 282 MetTyrProIlyAspAsnAspIleAlaLeuMetIlyLeuGlnPheProLeuThrPheSer 301
DB 1044 ATGTACCCCAAAACATGATGATCGCCCTCATTAAGCTGCACTGCTCACTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGlnGlnLeuThrProAlaThrPro 321
DB 1104 GGCACAGTCAGGCCCATCTGTCTGCTCCCTTCTTGATGAGAGGCTCACTCAGCCACCC 1163
QY 322 LeuThrIleIleGlyIlyThrGlyPheThrIlyGlnAsnGlyIlyIlyMetSerAspIleLeu 341
DB 1164 CTCTGATCATCTTGTGAAGGGCTTTTACAGACAAATGAGGAGATGCTGACATACG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
DB 1224 CTGCAAGGCTCAGTCCAGGTCACTTGCACAGCACAGGCTGCAATGCAACATGCTACAG 1283
QY 362 GlyIlyValIlyThrGlnIlyMetMetCysAlaGlyIleProGlnGlyIlyValAspThrCys 381
DB 1284 GGGAGAGTCAACGAGAAATGATGTGTGAGAGGATCCCGAAGGGGTGTGACACTGC 1343
QY 382 GlnGlyAspSerGlyIlyProLeuMetIlyGlnSerAspGlnThrHisValAlaGlyIle 401
DB 1344 CAGGTGACAGTGTGGGCTCCCTGATGTACCAATTCGACAGTGGCATGTGGTGGCATC 1403
QY 402 ValSerTrpGlyIlyGlyCysGlyIlyProSerThrProGlyValIlyThrIlyValSer 421
DB 1404 GTTAGCTGGGGCTATGGCTGCGGGGGCCGAGACCCCAAGAGTATACCAAGTCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpIlyAlaGlnLeu 435
DB 1464 GCCTATCTCAACTGATCTTACATATGTCTGAAAGGCTGAGCTG 1505

RESULT 126
US-10-015-610A-274
; Sequence 274, Application US/10015610A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deamoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P2830PIC52
 CURRENT FILING DATE: 2001-12-12
 PRIOR APPLICATION NUMBER: 60/098716
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098723
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098749
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098750
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098803
 PRIOR FILING DATE: 1998-09-02
 PRIOR APPLICATION NUMBER: 60/098821
 PRIOR FILING DATE: 1998-09-02
 PRIOR APPLICATION NUMBER: 60/098843
 PRIOR FILING DATE: 1998-09-02
 PRIOR APPLICATION NUMBER: 60/099536
 PRIOR FILING DATE: 1998-09-09
 PRIOR APPLICATION NUMBER: 60/099596
 PRIOR FILING DATE: 1998-09-09
 PRIOR APPLICATION NUMBER: 60/099598
 PRIOR FILING DATE: 1998-09-09
 Remaining Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 477
 SEQ ID NO 274
 LENGTH: 2063
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-10-015-610A-274

Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 Gaps: 1

US-10-803-530-2 (1-435) x US-10-015-610A-274 (1-2063)

QY 2 AASPProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArg 21
 DB 219 GATCCTGACAGTGAACCACTCTGAAACAGCTCTGATGTAACCCCTGGCAAAACCCCT 278
 QY 22 ILeProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
 DB 279 ATCCCATGAGAACCTTCCGAAAGGTGGGATCCCATCATCATAGCACTACTGAGCTG 338
 QY 42 AlaSerIleIleIleValValIleuIleLysValIleLeuAspLysTyrPheLeu 61
 DB 339 GCGAGTATCATCTGTGTGTCTCTCATCAAGTCACTTGTGAATAAATCACTTCC 398
 QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGlnLeuAspCys 81
 DB 399 TCGGGGAGAGCTCTCCACTTCATCCGAGGAAGAGCTGTGTGACGAGAGCTGACTGT 458
 QY 82 ProLeuGlyGlnAspGlnGluHisCysValLysSerPheProGlnGlyProAlaIle 101
 DB 459 CCCTTGGGGAGAGACCAAGAGGACCTGTGTCAAGAGCTTCCCGAAGGGGCTGAGAGGCA 518
 QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTyr 121
 DB 519 GTCCGCTCTCCAAAGGACCATCACTGCAAGGTCTGCACTCGGCCACAGGGAATCG 578
 QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCysArgGlnMet 141
 DB 579 TTCTCTGCGCTGTTTCAACAATTCACAGAGCTCTGCGAGACACCTGTAGGCGAGT 638
 QY 142 GlyTyrSerSerLysProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp 161

DB 639 GCGTACAGC-----AGAGCTGTGAGATTGGCCACAGACCATCTGAT 683
 QY 162 ValValGlnIleThrGlnAsnSerGlnIleuArgMetArgAsnSerGlyProCys 181
 DB 684 GTTGTGAATCAAGAAACAGACAGAGCTTGGCATCGGAATCAAGTGGGCGCTGT 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
 DB 744 CTCTCAGGCTCCCGTCTCTCCCTCACTGTCTTGCCTTGGAAGAGCTGAAAGCCCAACCC 803
 QY 202 ArgValValGlyGlyGlnAlaSerValAspSerTyrProTyrGlnValSerIleGln 221
 DB 804 CGTGTGTGGGTGGGAGAGAGCCCTGTGTGATTTCTTGACTTGGCAGTCAAGATTCAG 863
 QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTyrValIleThrAla 241
 DB 864 TACAGCAACAGCAGCTGTGTGAGAGGACATCTGAGACCCCACTGGGTCTTCACGGCA 923
 QY 242 AlaHisCysPheAspGlyHisThrAspValPheAsnTyrLysValArgAlaGlySerAsp 261
 DB 924 GCCACTCTCTCAGGAACATACGATGTGTCACTGMAAGTGCAGGCTCAGAC 983
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
 DB 984 AAACCTGGCAGCTTCCCATCCCTGCTGTGGCCAGACATCATCATTAATTAACCC 1043
 QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 DB 1044 ATGTACCCCAAGAAAGAAAGACATGCGCTCAAGAGCTGAGTTCCACTCACTTCTCA 1103
 QY 302 GlyThrValArgProIleCysLeuProPhePheAspGlnGluLeuThrProAlaThrPro 321
 DB 1104 GGCACAGTCAAGGCCCATCTGTCTGCTTCTTTTATGAGAGAGTCACTCCAGCCCA 1163
 QY 322 LeuTyrIleIleGlyTyrGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
 DB 1164 CTCTGATCATTTGATGGGCTTTTACGAAGCAATGAGGGAGATGTCTGACATACG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 DB 1224 CTGCAAGGGTCAAGTCAAGTCAATGACAGACAGGTGATGACAGATCCGATCACG 1283
 QY 362 GlyIleValIleThrGlnLysMetMetCysAlaGlyIleProGlnGlyValAspThrCys 381
 DB 1284 GGGAGAGTCAACGAGAAATATATGTCTGACAGGCACTCCGGAAGGGGTGTGACACTGC 1343
 QY 382 GlnGlyAspSerGlyGlyProLeuMetLysGlnSerAspGlnTyrHisValValGlyIle 401
 DB 1344 CAGGCTGACAGTGTGGGCTCTGATGTACCAATCTGACAGTGGCATGTGTGGGCAATC 1403
 QY 402 ValSerTyrGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
 DB 1404 GTTACTGGGGCTATAGGCTGCGGGGCGCCAGACACCCAGAGATATACCAAGGCTCA 1463
 QY 422 AlaTyrLeuAsnTyrIleTyrAsnValTyrLysAlaGlnLeu 435
 DB 1464 GCTTATCTCACTGATCTCAATATCTGAAAGGCTGACTG 1505

RESULT 127
 US-10-015-653A-274
 Sequence 274, Application US/10015653A
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan I.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.

```

; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC43
; CURRENT APPLICATION NUMBER: US/10/015,653A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 274
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-015-653A-274

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-015-653A-274 (1-2063)

QY 2 AspProAseSerAsePGLnProLeuAseSerLeuAsePVallySProLeuAseProAse 21
Db 219 GATCTGACATGATCAACCTCTGAAACAGCTCGATGCAAAACCCCTGCGAAACCCCGT 278
QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
Db 279 ATCCCCATGAGACCTTCAGAAAGGTGGGAGATCCCATCATCATAGACATAGAGCTG 338
QY 42 AlaSerIleIleIleValValValLeuIleValIleLeuAsePVallySProLeu 61
Db 339 GCGAGATCATCATATGTTGTTGCTCTCATCAAGGTGATTCGAAATTAATCTACTTCTC 398
QY 62 CysGlyLysProLeuHisPheIleProArgLysGlnLeuCysAsePGLnLeuAseP 81
Db 399 TGGGGGAGAGCTCTCCACTTATCCGAGAGAGAGCTGTGTGACGAGAGCTGAGCTGT 458
QY 82 ProLeuGlyLysAsePGLnLeuHisCysValLysSerPheProGlyProAlaValAla 101
Db 459 CCTTGGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 518
QY 102 ValArgLeuSerLysAsePGLnLeuHisCysValLysSerPheProGlyProAlaValAla 121
Db 519 GTCCGCTCTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 578
QY 122 PheSerLysAsePGLnLeuHisCysValLysSerPheProGlyProAlaValAla 141
Db 579 TTTCTCTGCTGTTTTCAGCAACTTCAGAGAGCTCTGCTGAGACAGCTGTAGGCAATG 638
QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAsePGLnLeuAseP 161
Db 639 GGCCTACAGC-----AGAGCTGTGAGATGGCCAGAGAGAGAGAGAGAGAGAT 683
QY 162 ValValGluIleThrGluAseSerGlnGluLeuArgLeuArgAseSerGlyProCys 181
Db 684 GTTCTTAATCAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuValSerPro 201
Db 744 CTCTCAGAGCTCCCTGCTCTGCTCTGCTCTGCTCTGCTCTGCTCTGCTCTGCTCTG 803
QY 202 ArgValValGlyGlyGluGluAlaSerValAsePGLnLeuAsePGLnLeuAsePGLn 221
Db 804 CGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 863
QY 222 TyrAsePGLnHisValCysGlyLysSerIleLeuAsePGLnHisProIleThrValAla 241
Db 864 TACGAGAAACAGACGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 923
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QY 242 AlaHisCysPheArgLysHisIleThrAsePValPheAsePGLnValAlaArgAlaGlySerAseP 261
Db 924 GCCCAGCTGCTTACAGAAACATACCGATGTGTCACTGAAAGGTGGCGGAGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaIleIleIleIleIleGluPheAseP 281
Db 984 AACTGGGAGCTTCCATCTGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1043
QY 282 MetTyrProLysAsePGLnLeuHisCysValLysSerPheProGlyProAlaValAla 301
Db 1044 ATGTACCCCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAsePGLnLeuThrProAlaThrPro 321
Db 1104 GGCACAGTCAGAGGCTCTCTCTGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 1163
QY 322 LeuThrIleIleGlyTyrPGLnPhethrLysGlnAsePGLnValLysMetSerAseP 341
Db 1164 CTCTGATCATTTGATGTGGCTTTTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1223
QY 342 LeuGlnAlaSerValGlnValIleAsePGLnLeuHisCysAsePGLnValAlaAseP 361
Db 1224 CTCAGAGGCTCAGTCCAGGTCATTGACAGACACAGGTCATGACAGATGCTGACAG 1283
QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGlyGlyValAlaAseP 381
Db 1284 GGGAGAGTCACAGAGAGAGAGATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1343
QY 382 GlnGlyAsePGLnLeuHisCysValLysSerPheProGlyProAlaValAlaGlyIle 401
Db 1344 CAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1403
QY 402 ValSerTyrGlyTyrGlyCysGlyLysProSerThrProGlyValIleThrLysValSer 421
Db 1404 GTTAGCTGGGGCTATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1463
QY 422 AlaTyrLeuAsePGLnLeuHisCysValLysSerPheProGlyProAlaValAla 441
Db 1464 GCTTATCTCACTGATCTCAATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1505

RESULT 128
US-10-015-715A-274
; Sequence 274, Application US/10015715A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin J.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC56
; CURRENT APPLICATION NUMBER: US/10/015,715A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 274
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-015-715A-274

Alignment Scores:
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Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 Gaps: 1

US-10-803-530-2 (1-435) x US-10-015-822A-274 (1-2063)

```

QY 2 AAPPProApsSerApsGlnProLeuAnsSerLeuApsVallyPProLeuAryLyPProArg 21
DB GATCCTGACAGTGAATCACTCTGAAACAGCTCGATGCAAAACCCCTGCGAAACCCCGT 278
QY 22 ILeProMetGluThrPheArgLyValGlyIleProIleIleIleAlaLeuSerLeu 41
DB ATCCCATGAGACCTTCAGAAAGGTGGAGATCCCATCATCATATGCACTAGAGCTCG 338
QY 42 AlaSerIleIleIleValIleValIleuIleValIleValIleuApsLyTyTyPheLeu 61
DB GCGAGTATCATCTTGTGTGTCTCTCATCAAGGATTCGATTAATTAATTAATTAATTAAT 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLyGlnLeuCyApsGlyGlyLeuApsCyS 81
DB TCCGGGAGCTCTTCCTCATCTTCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 458
QY 82 ProLeuGlyGlyApsGlyGlyHisCyAVallySerPheProGlyGlyProAlaValAla 101
DB CCTTTGGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 518
QY 102 ValArgLeuSerLyApsArgSerThreLeuGlnValLeuApsSerAlaThrGlyApsTrp 121
DB GTCCGCTCTCCCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 578
QY 122 PheSerAlaCyPheApsApsPheThrGlnAlaLeuAlaGluThrAlaCyApsGlnMet 141
DB TTCTCTGCTGTTGACAACTTCACAGAGCTTCGCTGAGAGAGAGAGAGAGAGAGAGAGAG 638
QY 142 GlyTyrsSerSerLyPProThrPheArgAlaValGlyIleGlyPProApsGlnApsLeuAps 161
DB GGTCTGAGC-----AGAGCTGAGAGATTTGGCCCAAGAGAGAGAGAGAGAGAGAGAGAG 683
QY 162 ValValGluIleThrGlnApsSerGlnLeuApsMetArgApsSerSerGlyProCys 181
DB GTTGTGTAATACAGAAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 743
QY 182 LeuSerGlySerLeuValSerLeuHisCyAVallySerLeuLySerLeuLySerPro 201
DB CTCTCAGAGCTCTCTGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 803
QY 202 ArgValValGlyGlyGlnAlaSerValApsSerTrpProTrpGlnValSerIleGln 221
DB CGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 863
QY 222 TyrApsLyGlnHisValCyAVallySerIleLeuApsProHisTrpValLeuThrAla 241
DB TACGACAAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 923
QY 242 AlaHisCyPheArgLyHisIleThrApsValPheApsTrpValArgAlaGlySerAps 261
DB GCCCATCTGCTTCAGAAACATACCATGATGTTCACTGGAAAGGTGCGGAGAGAGAGAGAG 983
QY 262 LySLeuGlySerPheProSerLeuAlaValAlaValIleIleIleIleGluPheApsPro 281
DB AAACAGGAGAGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 1043
QY 282 MetTyTrProLyApsApsApsApsIleAlaLeuMetLySLeuGlnPheProLeuThrPheSer 301
DB ATGTACCCCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1103
QY 302 GlyThrValArgProIleCyALeuProPhePheApsGlyGlnLeuThrProAlaThrPro 321
DB GGCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1163
  
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QY 322 LeuTrpIleIleGlyTrpGlyPheThrLySAlaAnsGlyLyMetSerApsIleLeu 341
DB CTCTGATCATTTGATGAGGCTTTTACAGAGAGAGATGAGAGAGATGTCGACATACG 1223
QY 342 LeuGlnAlaSerValGlnValIleApsSerThrArgCyApsAlaApsApsAlaTyTrpGln 361
DB CTGCAAGAGTCAAGTCCAGAGTCAATGACAGCACAGGTGCAATGACAGAGAGAGAGAGAG 1283
QY 362 GlyGluValThrGlyLysMetCysAlaGlyIleProGlyGlyGlyValApsThrCys 381
DB GGGGAGATCAACGAGAGAGATGATGTCAGAGAGATCCCGAGAGAGAGAGAGAGAGAGAGAG 1343
QY 382 GlnGlyApsSerGlyGlyProLeuMetTyTrGlnSerApsGlnTrpHisValAlaGlyIle 401
DB CAGGATGACAGTGTGGGCTTATGATGACAACTGACAGAGTGTGTGTGTGTGTGTGTGTGTGT 1403
QY 402 ValSerTrpGlyTyTrpGlyCyGlyGlyProSerThrProGlyValTyTrpLySValSer 421
DB GTTAGCTGGGCTATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1463
QY 422 AlaTyTrLeuApsTrpIleTyTrApsValTrpLySAlaGlyLeu 435
DB 1464 GCTTATCTCAACTGATCTTCAATGATGTCGAAGGCTGAGCTG 1505
  
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RESULT 129

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US-10-015-822A-274
; Sequence 274, Application US/10015822A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Baton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C38
; CURRENT APPLICATION NUMBER: US/10/015,822A
; CURRENT FILING DATE: 2002-06-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 274
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-015-822A-274
  
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Alignment Scores:

Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 Gaps: 1

US-10-803-530-2 (1-435) x US-10-015-822A-274 (1-2063)

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QY 2 AAPPProApsSerApsGlnProLeuAnsSerLeuApsVallyPProLeuAryLyPProArg 21
DB GATCCTGACAGTGAATCACTCTGAAACAGCTCGATGCAAAACCCCTGCGAAACCCCGT 278
QY 22 ILeProMetGluThrPheArgLyValGlyIleProIleIleIleAlaLeuSerLeu 41
DB ATCCCATGAGACCTTCAGAAAGGTGGAGATCCCATCATCATATGCACTAGAGCTCG 338
  
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QY 42 AlaSerIleIleIleValIleuValIleuValIleuAspLysTyrPheLeu 61
Db 339 GCGAGTATCATCATTTGGTGTCTCTCATCAAGGATTTCTGGATTAATCTACTTCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCyAspGlyGlnLeuAspCys 81
Db 399 TGGGGGAGCCTCTCCACTTCATCCCGAAGAGCAGCTGTGTGACGGAGACTGGACTGT 458
QY 82 ProIleuGlyIleuAspGlnGlnHisCysValIlySerPheProGlnGlyProAlaValAla 101
Db 459 CCTTTGGGGGAGAGAGAGACAGTGTCTCAAGAGCTTCCCGAAGGCTCGAGTGGCA 518
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTCCAAAGAGCCGATCCACACTGAGGTGCTGGACTGGCCACAGGGAACTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCysArgGlnMet 141
Db 579 TTCTCTGCTGTTCGACAACTTCACAGAACTCTCGCTGAGACGCTGTAGGCAAGT 638
QY 142 GlyTyrSerSerLysProThrPheArgAlaValGlnIleGlyProArgGlnAspLeuAsp 161
Db 639 GGGTACAGC-----AGAGCTGTGAGATTGGCCAGACACAGATCTGGAT 683
QY 162 ValValGlnIleThrGlnAsnSerGlnGlnLeuArgMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTGAAATCACAGAAACAGCCAGAGAGCTTGCGATCGGAACTCAAGTGGCCCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
Db 744 CTCTCAAGCTCCCTCGTCTCCCTCCACTGCTGCTGCGGAGAGCTGMAAGACCCCC 803
QY 202 ArgValAlaGlyGlyGlnGlnAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db 804 CGTGTGGTGGTGGAGAGAGGCTCTGTGATTTCTTGCTTGCTGAGTACGATCCAG 863
QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValIleuThrAla 241
Db 864 TAGACAAACAGCAGTCTGTGAGGGAGCATCTCGACCCCACTGGTCTCAACGGCA 923
QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Db 924 GCCCAGCTGCTTCAAGAAACATACGATGTCTTCAACTGAGAGTGGCGGCGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaIleIleIleIleGlnPheAsnPro 281
Db 984 AACTGGGAGCTTCCATCTCTGCTGTGGCCAAAGATCATCATTTGAATTCAAACCCC 1043
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGACAAATGATGATGCCCTCATGAAAGCTGGAGTTCCCACTCACTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGlnGlnLeuThrProAlaThrPro 321
Db 1104 GGCACATCCAGGCCCATCTGTCTGCCCTTCTTATATGAGAGCTCCTCCAGCCACCCCA 1163
QY 322 LeuTrpIleIleGlyTyrPglYpHeThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
Db 1164 CTCTGGATCATTTGGATGGGCTTTTACAGAGCATGAGGAAAGATGTCTGACATATCTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGAGGCGTCAAGTCCAGTCAATTCAGACACAGTGCATGACAGATGCTATCCATCCAG 1283
QY 362 GlyGlyValIleThrGlyLysMetMetCysAlaGlyIleProGlnGlyGlyValAspThrCys 381
Db 1284 GGGGAAATCCAGAGAAATGATGTGTGACAGGCATCCCGGAGGGGTGTGTGACACTGCG 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValIleGlyIle 401
Db 1344 CAGGGTACAGTGTGTGGCCCTTATGATCCAAATCTACAGTGTGGCATGTGTGTGGGATC 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421

Db 1404 GTTAGCTGGGGCTATGGCTCGGGGGCCCGAGACCCCAAGATATACCAAGTCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGlnLeu 435
Db 1464 GCGTATCTCAATGTGATCTACATGTCTGGAAAGCTGAGCTG 1505
RESULT 130
US-10-015-869A-274
; Sequence 274, Application US/10015869A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Denoyers, Luc
; APPLICANT: Batou, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gunney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Pao, Nicholas F.
; TITLE OR INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: F2830PIC45
; CURRENT APPLICATION NUMBER: US/10/015,869A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 274
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-015-869A-274
Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: Gaps: 1
US-10-803-530-2 (1-435) x US-10-015-869A-274 (1-2063)
QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIlyAspProLeuArgLysProArg 21
Db 219 GATTCGACAGTATCATCTCTGAAACAGCTCGATGTCAAAACCTTGGCGAAACCCCGT 278
QY 22 IleProMetGlnThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
Db 279 ATCCCATGAGACCTTCAAGAAAGTGGGAGATCCCATCATATACATACACTGAGACCTG 338
QY 42 AlaSerIleIleIleValIleuValIleuValIleuAspLysTyrPheLeu 61
Db 339 GCGAGTATCATCATTTGGTGTCTCTCATCAAGGATTTCTGGATTAATCTACTTCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCyAspGlyGlnLeuAspCys 81
Db 399 TGGGGGAGCCTCTCCACTTCATCCCGAAGAGCAGCTGTGTGACGGAGACTGGACTGT 458
QY 82 ProIleuGlyIleuAspGlnGlnHisCysValIlySerPheProGlnGlyProAlaValAla 101
Db 459 CCTTTGGGGGAGAGAGACAGTGTCTCAAGAGCTTCCCGAAGGCTCGAGTGGCA 518
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTCCAAAGAGCCGATCCACACTGAGGTGCTGGACTGGCCACAGGGAACTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCysArgGlnMet 141


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Db      579  TTCTCTGCTGCTTTTCAGACATTTCAAGACGCTCGTGAGACGCTGTAGGCAATG 638
Qy      142  G1YrSerSerLySProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db      639  GGCTACAGC-----AGAGCTGTGAGATTGGCCAGACAGAGATCTGGAT 683
Qy      162  ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
Db      684  GTTGTGTAATCAAGAAACAGACGAGAGCTTCGCAAGCGAAGCTCAAGTGGGCTCTGT 743
Qy      182  LeuSerGlySerLeuValSerLeuIleCysLeuAlaCysGlyLySLeuIleThrPro 201
Db      744  CTCACAGGCTCTCTGCTCTCTGACATGCTCTGCTCTGAGAGAGCTTAAAGACCCCC 803
Qy      202  ArgValAlaGlyGlyGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db      804  CGTGTGGTGGTGGGAGAGAGGCTCTGTGATTTCTTGCCCTTGGCAAGTCAAGATCAG 863
Qy      222  TyrAspLySglnIleValCysGlyGlySerIleLeuAspProHISTrpValIleThrAla 241
Db      864  TACCAAAACAGACAGTCTGTGAGGAGCAATCTGAGACCCCACTGGGCTCTCAAGGCA 923
Qy      242  AlaHisCysPheArgLySLeuIleThrAspValPheAsnTrpValArgAlaGlySerAsp 261
Db      924  GCCCACTGCTTCAAGAAACATACCGATGTGTCACTGAGAGAGTGGGAGGCTCAAGC 983
Qy      262  LysLeuGlySerPheProSerLeuAlaValAlaIleIleIleIleGlnPheAsnPro 281
Db      984  AATCTGGGAGCTTCCATCTCCCTGCTGTGGCAAGATCATCATTAATTAATCAACCCC 1043
Qy      282  MetTrpProLySAspAsnAspIleAlaLeuMetLySLeuGlnPheProLeuThrPheSer 301
Db      1044  ATGTACCCCAAGAAACATGACATCCGCTTCATGAAAGCTGCAAGTCCCACTTTCACA 1103
Qy      302  GlyThrValArgProIleCysLeuProPhePheAspGlnGluLeuThrProAlaThrPro 321
Db      1104  GGCACAGTCAGGCGCATCTGTCTGCCCTTCTTGTAGAGAGCTCACTCCACCAACCCCA 1163
Qy      322  LeuTrpIleIleGlyTrpGlyPheThrLySglnAsnGlyLySLeuMetSerAspIleLeu 341
Db      1164  CTCGTGATCATTTGATGGGCTTTACAGAGCAAGATGAGAGGAGATGTCTACATACGTG 1223
Qy      342  LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpGln 361
Db      1224  CTGCAAGGCTCAGTCCAGGTCATTCAGACACACGCTGCAATGCAAGACCATCGTACAG 1283
Qy      362  GlyGluValIleThrGluLeuMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db      1284  GGGGAAGTCACCGAAGAAAGTAAATGTGTGAGGAGCATCCGGAAGGGGGTGTGAGACCTGC 1343
Qy      382  GlnGlyAspSerGlyGlyProLeuMetTrpGlnSerAspGlnTrpHisValAlaGlyIle 401
Db      1344  CAGGGTACAGTGTGTGGGCTTGTATGATTCATTCAGACATGGCATGTGGTGGGCTC 1403
Qy      402  ValSerTrpGlyTrpGlyCysGlyGlyProSerThrProGlyValIleThrLySValSer 421
Db      1404  GTTACGTGGGCTAATGCTGCGGGGGCCGAGAGACCCGAGAGATTAACCAAGAGTCTCA 1463
Qy      422  AlaTrpLeuAsnTrpIleTrpAsnValIleTrpValAlaGluLeu 435
Db      1464  GCTTATCTCACTGATCTTAACAATGTCTGAAAGGCTGAGCTG 1505

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RESULT 131

US-10-017-253A-274
Sequence 274, Application US/10017253A

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman

```

APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Goddard, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gunney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OR INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C62
CURRENT FILING DATE: US/10/017, 253A
CURRENT FILING DATE: 2001-12-13
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 274
LENGTH: 2063
TYPE: DNA
ORGANISM: Homo sapiens
US-10-017-253A-274

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Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

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US-10-803-530-2 (1-435) x US-10-017-253A-274 (1-2063)
Qy      2  AppProAspSerAspGlnProLeuAsnSerLeuAspValLySProLeuArgLySProArg 21
Db      219  GATCTGACAGTGAACCTCTGAAACAGCTCGATGTCAAACCCCTGGCAAAACCCCT 278
Qy      22  IleProMetGlnThrPheArgLySValGlyIleProIleIleIleAlaLeuSerLeu 41
Db      279  ATCCCCATGAGAACCTTCAGAAAGGTGGGATCCCATCATATATAGCATCTAGACCTG 338
Qy      42  AlaSerIleIleIleValAlaValIleuIleLySValIleLeuAspLySTrpPheLeu 61
Db      339  GCGAGTATCATATGTGTGTTCTCTCATCAAGAGTATTCGATTAATAATCACTTCTTC 398
Qy      62  CysGlyGlnProLeuHisPheIleProArgLySglnLeuCysAspGlyGlyLeuAspCys 81
Db      399  TCGGGGAGGCTCTCCACTTCATCCCGAGAGAGCTGTGTGACGAGAGCTGAGCTGT 458
Qy      82  ProLeuGlyGlnAspGlnGluHisCysValLySAspPheProGlyGlyProAlaValAla 101
Db      459  CCGTGGGGAGAGACAGAGAGCACTGTGTCAAGAGCTTCCCGAAGGGCTGCAAGTGGCA 518
Qy      102  ValArgLeuSerLySAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121

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Db 519 GTCCGCTCTCCAGAGCCGATCCACATGACAGTGTGGACTCGGCCACAGGAACTGG 578
 QY 122 PheSerAlaCysPheAspAsnSerThrGluAlaGluThrAlaCysArgGlnMet 141
 Db 579 TTCTCTGCTGTTGACAACTTCAACAGAAAGCTCTCGCGAGACAGCCGTGAGGAGATG 638
 QY 142 GLYTYSerSerLeuPheProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
 Db 639 GGCTACAGC-----AGAGCTGTGGAGATTGGCCCAAGACCAAGATTTGAT 683
 QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
 Db 664 GTTGTGAAATCAACGAAACACGACGAGCTTCCCATGCGGAACTCAAGTGGGCTGT 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLeuSerLeuLeuThrPro 201
 Db 744 CTCTAGAGCTCCCTGTCTCTCTGCACTGTCTTGGCTGTGGAGAAAGCTTGAAGCCCC 803
 QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
 Db 804 CGTGTGTGGGTGGGAGAGAGGCTCTGTGTGATTTCTGGCCCTTGGCAGTCAAGATCCAG 863
 QY 222 TyrAspIlySerGlnHisValCysGlyGlySerIleLeuAspProHisIleTrpValLeuThrAla 241
 Db 864 TACGACAAACAGCAGCTGTGTGAGAGAGCAATCTTGACCCCACTGGGTCTTCAACGCA 923
 QY 242 AlaHisCysPheArgIlySerHisThrAspValPheAsnTrpIlySerValArgAlaGlySerAsp 261
 Db 924 GCCCACTGCTTCAGGAAACATACCGATGTGTTCACATGGAAAGTGTCCGGGAGGCTCAGAC 983
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaIlyIleIleIleGluPheAsnPro 281
 Db 984 AAACGTGGGCACTTCCCATCTGCTGTGGCCAAAGATCATCATCATGAATTCACACCCC 1043
 QY 282 MetTyrProIlyAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 Db 1044 ATGATACCCCAAGCAATGACATGACCTCTCATGAGCTGCGACATGCCACTCACTTCTCA 1103
 QY 302 GlyThrValArgProIleCysLeuProPhePheAspGlnGluLeuThrProAlaThrPro 321
 Db 1104 GGCAAGACGACAGCCCATCTGTCTGCCCTTTGATGAGAGCTCAGCTCCAGCCACCCCA 1163
 QY 322 LeuTrpIleIleGlyTyrPglyPheThrIlyGlnAsnGlyGlyLysMetSerAspIleLeu 341
 Db 1164 CTCTGAGATCATTTGATGGGCTTTACAAAGCAATGAGGAAAGATGTCTGACATCTG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 Db 1224 CTGAGGCGTCAATGTCAGGCTATTGACAGCACAGCGTGCATGACAGATGCGTACCA 1283
 QY 362 GlyGlyValThrGlyLysMetMetCysAlaGlyIleProGlnGlyValAspThrCys 381
 Db 1284 GGGGAAATGCCGGAAGATGATGTGACAGGCACTCCGGAAGGGGTGTGGACACTGC 1343
 QY 382 GlnGlyAspSerGlyIlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401
 Db 1344 CAGGGTACAGTGTGGGCCCCCTGATGATCCCAATCTCAACAGTGCATGTGTGGGATC 1403
 QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrIlyValSer 421
 Db 1404 GTTAGCTGGGGCTATGCTGGGGGGGCCGAGCACCCCAAGAGATATCAACAGTCTCA 1463
 QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpIlyValGluLeu 435
 Db 1464 GCCATCTCAACTGATCTCAATGTCTGGAAGGCTGAGCTG 1505
 RESULT 132
 US-10-017-306A-274
 ; Sequence 274, Application US/10017306A
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan I.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Goddard, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gunney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2830P1C66
 ; CURRENT FILING DATE: 2002-06-10
 ; PRIOR APPLICATION: See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 477
 ; SEQ ID NO 274
 ; LENGTH: 2063
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-017-306A-274
 Alignment Scores:
 Pred. No.: 0
 Score: 2297.50
 Percent Similarity: 98.85%
 Best Local Similarity: 98.85%
 Query Match: 98.10%
 DB: 40
 Gaps: 1
 Length: 2063
 Matches: 429
 Conservative: 0
 Mismatches: 0
 Indels: 5
 Gaps: 1
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 QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIlyProLeuArgIlyPProArg 21
 Db 219 GATCTGACAGTATCACTTGAACAGCTCTGATGTAACCCCTGCGCAAAACCCCGT 278
 QY 22 IleProMetGlnThrPheArgIlyValIleProIleIleIleAlaLeuLeuSerLeu 41
 Db 279 ATCCCATGAGACCTTTCAGAAAGTGGGAAATCCCATATCATATGACACTGAGAGCTG 338
 QY 42 AlaSerIleIleIleValValIleuIleuIleuValIleuAspIlySerTyrPheLeu 61
 Db 339 GCGAGATATCATATTGTGTGTGCTCATCAAGATGATCTGATTAATACTTCTCC 398
 QY 62 CysGlyGlnProLeuHisPheIleProArgIlyGlnLeuCysAspGlyGlyLeuAspCys 81
 Db 399 TCGGGCAGCTCTTCCACTTCAATCCGAGAAAGAGCTGTGTGACGAGAGCTGACCTGT 458
 QY 82 ProLeuGlyGluAspGlnGluHisCysValIlySerPheProGlnGlyProAlaValAla 101
 Db 459 CCTTGGGGAGAGACAGAGACATGTGTGCAAGAGCTTCCGAAAGGCTTGCAGTGGCA 518
 QY 102 ValArgLeuSerIlyAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
 Db 519 GTCCGCTCTCCAGAGACGATCCACATGACAGTGTGACTGCGGCCACAGGAATCTGG 578
 QY 122 PheSerAlaCysPheAspAsnSerThrGluAlaGluThrAlaCysArgGlnMet 141
 Db 579 TTCTCTGCTGTTGACAACTTCAACAGAAAGCTCTCGCGAGACAGCCGTGAGGAGATG 638
 QY 142 GLYTYSerSerLeuPheProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
 Db 639 GGCTACAGC-----AGAGCTGTGGAGATTGGCCCAAGACCAAGATTTGAT 683
 QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
 Db 684 GTTGTGAAATCAACGAAACACGACGAGCTTCCCATGCGGAACTCAAGTGGGCTGT 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLeuSerLeuLeuThrPro 201
 Db 744 CTCTAGAGCTCCCTGTCTCTCTGCACTGTCTTGGCTGTGGAGAAAGCTTGAAGCCCC 803

QY 282 MetTYrProLYsAspAsnAspIleAlaIleMetLYsLeuGlnPheProLeuThrPheSer 301
 Db 1044 ATGTACCCCAAGACATGATCAGTCCCTCATGAGCTGACATGCTCCACTCTTCTCA 1103
 QY 302 GLYThrValArgProIleCYsLeuProPheAspGluGluLeuThrProAlaThrPro 321
 Db 1104 GGCACAGTACGGCCATCTGTCTGCCCCCTTGTGATGAGAGACTCACTCCAGCCACCCCA 1163
 QY 322 LeuTPRIleIleGLYTrpGlyPheThrLYsGlnAsnGlyLYsLYsMetSerAspIleLeu 341
 Db 1164 CTCTGGATCATTTGATGGGGCTTTACAGACAGATGGAGGAGATGTCTGACATACG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCYsAsnAlaAspAspAlaTYrGln 361
 Db 1224 CTGCAGGCGTCAAGTCCAGGTCAATTGACAGACAGGTGACATGCAAGATCCGACAG 1283
 QY 362 GLYGluValThrGluLYsMetMetCYsAlaGlyIleProGluGlyLYsValAspThrCYs 381
 Db 1284 GGGGAAAGTACCGAAGATGATGTGTGACAGGATCCCGAAGGGGGTGTGGACACCTGC 1343
 QY 382 GlnGlyAspSerGlyLYsProLeuMetTYrGlnSerAspGlnThrPheValValGlyIle 401
 Db 1344 CAGGTGACAGTGTGGGGCTTGTATGACCAATCTGACAGTGGCATGTGGGGCATC 1403
 QY 402 ValSerTrpGlyTYrGlyCYsGlyLYsProSerThrProGlyValTYrThrLYsValSer 421
 Db 1404 GTTACTGGGGCTATGGCTGCGGGGGCCGAGCACCCGAGGATATACCAAGGTCTCA 1463
 QY 422 AlaTYrLeuAsnTrpIleTYrAsnValTYrLYsAlaGluLeu 435
 Db 1464 GCCTATCTCACTGATCTTCAATGTCTGGAAAGGCTGAGCTG 1505
 RESULT 134
 US-10-017-407A-274
 ; Sequence 274, Application US/10017407A
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Bocstein, David
 ; APPLICANT: Desmoyers, Luc
 ; APPLICANT: Eaton, Dan I.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas P.
 ; TITLE OR INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2830P1G61
 ; CURRENT APPLICATION NUMBER: US/10/017.407A
 ; Prior Application DATE: 2002-06-25
 ; NUMBER OF SEQ ID NOS: 477
 ; SEQ ID NO 274
 ; LENGTH: 2063
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-10-017-407A-274
 Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1
 US-10-803-530-2 (1-435) x US-10-017-407A-274 (1-2063)

QY 2 AspProAspSerArgGlnProLeuAsnSerLeuAspValLYsProLeuArgLYsProArg 21
 Db 219 GATCTGACAGTGTATCAACCTTGAAACAGCTCGATGTCAAAACCCCTGGCCAAACCCCGT 278
 QY 22 IleProMetGluThrPheArgLYsValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
 Db 279 ATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATAGCATTAAGAGCTG 338
 QY 42 AlaSerIleIleIleValValIleuValIleValIleuAspLYsTYrTYrPheLeu 61
 Db 339 GCGAGTATCATCATTTGGTTGCTTCATCAAGGTGATTCGTGATTAATCTTCTC 398
 QY 62 CYsGlyGlnProLeuHisPheIleProArgLYsGlnLeuCYsAspGlyGluLeuAspCYs 81
 Db 399 TGGGGGAGCTCTCCACTTCATCCGAGGAAACAGCTGTGTACGAGAGGCTGAGCTGT 458
 QY 82 ProLeuGlyGluAspGluGluHisCYsValLYsSerPheProGlyGlyProAlaValAla 101
 Db 459 CCCTTGGGGAGGACAGAGAGCATGTGTCTAAGAGCTTCCCGAAGGGCTGCAGTGGCA 518
 QY 102 ValArgLeuSerLYsAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
 Db 519 GTCCGCTCTCCAAAGACCGATCCACACTGCAAGGTCTGGAATCGGCCACAGGGAATCG 578
 QY 122 PheSerAlaCYsPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCYsArgGlnMet 141
 Db 579 TTCTCTGCTCTTTCACAACTTCACAAAGCTTCTGTCGAGACAGCTGTAGGGCAGATG 638
 QY 142 GLYTYrSerSerLYsProThrPheArgAlaValGluIleGLYProAspGlnAspLeuAsp 161
 Db 639 GGCCTACAGC-----AGAGCTGTGAGATTTGGCCACAGACAGGATCTGAT 683
 QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerLYsProCYs 181
 Db 684 GTTGTGAATATCACAAAGACAGCCAGAGCTTGCATGCGAAGCTCAAGTGGCCCTGT 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCYsLeuAlaCYsGlyLYsSerLeuThrPro 201
 Db 744 CTCTCAGGCTCCCTGGTCTCCCTGACATCTCTTGGCTGTGGAAAGCTTGAAGACCCC 803
 QY 202 ArgValValGlyLYsGluGluAlaSerValAspSerTrpProTYrGlnValSerIleGln 221
 Db 804 CGTGTGTGGTGGGAGGAGGAGGCTCTGTGTGATTTCTTGGCTTGGCAGAGTCAGATCCAG 863
 QY 222 TYrAspLYsGlnHisValCYsGlyLYsSerIleLeuAspProHisTrpValLeuThrAla 241
 Db 864 TAGACAAACAGCAGCTCTGTGAGAGAGACATCTGAGCCCCACCTGGGTCTTCAACGGA 923
 QY 242 AlaHisCYsPheArgLYsHisThrAspValPheAsnTrpLYsValArgAlaGlySerAsp 261
 Db 924 GCCCACTGCTTCAGAAACATACCCATGTGTTCACTGGAAGGTGCGGGAGGCTCAAC 983
 QY 262 LYsLeuGlySerPheProSerLeuAlaValAlaLYsIleIleIleIleGluPheAsnPro 281
 Db 984 AAACGTGGAGCTTCCATCCCTGCTGTGGCAAGATCATCATATGAATTTCAACACC 1043
 QY 282 MetTYrProLYsAspAsnAspIleAlaLeuMetLYsLeuGlnPheProLeuThrPheSer 301
 Db 1044 ATGTACCCCAAGACATGATCAGTCCCTCATGAGCTGACATGCTCCACTCTTCTCA 1103
 QY 302 GLYThrValArgProIleCYsLeuProPheAspGluGluLeuThrProAlaThrPro 321
 Db 1104 GGCACAGTACGGCCATCTGTCTGCCCCCTTGTGATGAGAGACTCACTCCAGCCACCCCA 1163
 QY 322 LeuTPRIleIleGLYTrpGlyPheThrLYsGlnAsnGlyLYsLYsMetSerAspIleLeu 341
 Db 1164 CTCTGGATCATTTGATGGGGCTTTACAGACAGATGGAGGAGATGTCTGACATACG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCYsAsnAlaAspAspAlaTYrGln 361
 Db 1224 CTGCAGGCGTCAAGTCCAGGTCAATTGACAGACAGGTGACATGCAAGATCCGACAG 1283
 QY 362 GLYGluValThrGluLYsMetMetCYsAlaGlyIleProGluGlyLYsValAspThrCYs 381

Db 1284 GGGGAGTCAACGAGAAATATGTGTGCAGGATCCCGAAGGGGGTGTGAGACCTGC 1343
Qy 382 GlnGlyAppSerGlyGlyProLeuMetYrGlnSerArgGlnTTPHIVaIValGlyIle 401
Db 1344 CAGGTGACAGTGTGGGGCCCTGATGTACCAATCTGACAGTGGCAGTGTGGGCAATC 1403
Qy 402 ValSerTPSLYrYrGlyCysGlyGlyProSerThrProGlyValIYrThryValSer 421
Db 1404 GTTAGCTGGGCTATGGCTGGGGGGCCGAGCACCCGAGGATATACCAAGGTCTCA 1463
Qy 422 AlaTYrLeuAsnTrpIleTYrAsnValTYrPylValGluLeu 435
Db 1464 GCCTATCTCACTGGATCTACATGTCTGGAAGCTGAGCTG 1505
RESULT 135
US-10-017-527A-274
Sequence 274, Application US/10017527A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Bobstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoli, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C63
CURRENT APPLICATION NUMBER: US/10/017,527A
CURRENT FILING DATE: 2001-12-13
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
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PRO FILING DATE: 1998-10-01
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PRO APPLICATION NUMBER: 60/105881
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PRO FILING DATE: 1998-10-27
PRO APPLICATION NUMBER: 60/106023
PRO FILING DATE: 1998-10-28
PRO APPLICATION NUMBER: 60/106029

Alignment Scores:

Pred. No.: 0
Score: 2297.50
Percent Similarity: 98.85%
Best Local Similarity: 98.85%
Query Match: 98.10%
DB: 40
Gaps: 1

US-10-803-530-2 (1-435) x US-10-017-527A-274 (1-2063)

QY 2 AspProApSerApGlnProLeuAaSerLeuAaPValIysProLeuAaGlyProAaArg 21
Db GATCCTGACAGTATCACTTGAACAGCCTGATGCAAAACCTCGGCAACCCCGT 278

QY 22 ILProMeGlnThrPheArgIysValIGlyIleProIleIleIleAleuSerLeu 41
Db ATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCTATGACACTACTGACCTG 338

QY 42 AlaSerIleIleIleValValIleuIleIysValIleuAaPlySTyTyPheLeu 61
Db GCGAGTATCATCTTGT 398

QY 62 CysGlyGlnProLeuHisPheIleProAaGlyGlnLeuCysAaPlyGlyLeuAaPlyCys 81
Db TGCAGGAGCCTCTCCATTCATCCAGAGACAGCTGTGTGTGTGTGTGTGTGTGTGTGT 458

QY 82 ProLeuGlyValIysApGlnIysHisCysValIysSerPheProGlnIysProIleValIle 101
Db CCTTGGGGAGAGACAGAGACCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 518

QY 459 CCTTGGGGAGAGACAGAGACCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 518

QY 102 ValArgLeuSerIysAaPargSerThrLeuGlnValIleuAaPserIleThrGlyAaenTrp 121
Db GTCCGCTCTCCAGAGACCGATCCATCGAGGTCTGTGTGTGTGTGTGTGTGTGTGTGT 578

QY 519 GTCCGCTCTCCAGAGACCGATCCATCGAGGTCTGTGTGTGTGTGTGTGTGTGTGTGT 578

QY 122 PheSerIleCysPheAaPasnPheThrGlnIleuAaIleuAaIleuAaIleuAaIleuAa 141
Db TTCTGTCTCTGT 638

QY 579 TTCTGTCTCTGT 638

QY 142 GLYTYSerSerIysProThrPheArgAlaValGlnIleGlyProAaPsnIleuAaP 161
Db GCGTACAGC-----AGAGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 683

QY 639 GCGTACAGC-----AGAGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 683

QY 162 ValValIGlnIleThrGlnAaSerGlnIleuAaMetArgAaPserSerGlyProCys 181
Db GTTGTGAATATCAAGAAACAGCCAGGCTTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 743

QY 684 GTTGTGAATATCAAGAAACAGCCAGGCTTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 743

QY 182 LeuSerGlySerIleuValSerLeuHisCysIleuAaCysGlyIysSerIleuIysThrPro 201
Db CTCTCAGGCTCTCTGT 803

QY 744 CTCTCAGGCTCTCTGT 803

QY 202 ArgValIleGlyGlyGlnIleuAaSerValIasPserTrpProIleGlnValIleGln 221
Db CGT 863

QY 804 CGT 863

QY 222 TyrAaPlyGlnHisValIysGlySerIleLeuAaPProHisIleTrpValIleuAaIle 241
Db TACGACAAACAGACAGCTGT 923

QY 864 TACGACAAACAGACAGCTGT 923

QY 242 AlaHisCysPheArgIysHisIleThrAaPValIleuAaPlyValIleuAaIleuAaP 261
Db GCGCACTGCTTCAGAAACATACCAATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 983

QY 924 GCGCACTGCTTCAGAAACATACCAATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 983

QY 262 IysLeuGlySerPheProSerLeuAaValAlaIysIleIleIleIleIleGlnPheAaPPro 281
Db AAACCTGGGAGCTTCCATCCCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1043

QY 984 AAACCTGGGAGCTTCCATCCCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1043

QY 282 MetTyrProIysAaPasnAaPlyIleAlaIleuMetIysLeuGlnPheProLeuThrPheSer 301
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QY 302 GlyThrValArgProIleCysIleuProPheAaPsnIleuIleuAaIleuAaIleuAaIleuAa 321
Db GGCACAGTACAGGCCCATGT 1163

Qy 322 LeuTPIleIleIleGlyTTPGlyPheThrIysGlnInngIyGlyIyMeSerAspIleIeu 341
Db 1164 CTCTGGATCATTTGGATGGGCTTTTACGAAGCAAGATGAGTGTGACATCTG 1223
Qy 342 LeuGlnAlaSerValGlnValIleAspSerThrIatGySaanaIlaAspAspAlaIyGln 361
Db 1224 CTGCAAGGGGTCAAGTCACGATTCATGACACACGTCACATGACAGAAAGCCGTACAG 1283
Qy 362 GlnIyIuValThrIyIyMeMeCySaIaGlyIleProGlnIyGlyIyValAspThrCyS 381
Db 1284 GGGGAAGTCACCGAAGATGATGTGTACAGCATCCGGAAGGGGGTGTGACACCTGCC 1343
Qy 382 GlnIyAspSerGlyIyProIeuMeTyrgInserAspGlnIyPheIyValIyGlyIle 401
Db 1344 CAGGTGACATGTGTGGGCCCCCTGATGTACCAATCTGACACGTGGCATGTGTGGGCATC 1403
Qy 402 ValSerTPGlyIyIyGlyIyGlyIyProSerThrProGlyValIyThrIyValSer 421
Db 1404 GTTAGCTGGGCTATGCTGCGGGGGCCCCGAGCACCCAGAGATATACCAAGGTCTCA 1463
Qy 422 AlaTyIeuAspTPIleTTPyAsnValTTPySaIaGlyIeu 435
Db 1464 GCCTATCTCACTGATCTACATGTCTGAAAGCTGAGCTG 1505

RESULT 136
US-10-017-610A-274
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PLC64
CURRENT FILING DATE: 2001-12-13
PRIOR APPLICATION NUMBER: US/10/017,610A
PRIOR FILING DATE: 1998-09-01
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 PRIOR APPLICATION NUMBER: 60/106023
 PRIOR FILING DATE: 1998-10-28
 PRIOR APPLICATION NUMBER: 60/106029

Alignment Scores:
 Pred. No.: 0
 Score: 2297.50
 Percent Similarity: 98.85%
 Best Local Similarity: 98.85%
 Query Match: 98.10%
 DB: 40
 Gaps: 1

US-10-803-530-2 (1-435) x US-10-017-610A-274 (1-2063)

2 AspProApSerApSgInProLeuAmSerLeuApSgInValIyBProLeuArg 21
 219 GATCCTGACAGTATCACTCGAACGCTCGATGCAACCCCTGGCAACCCCGT 278
 22 IleProMetGluThrPheArgIyValGlyIleProIleIleIleLeuLeuSerLeu 41
 279 ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCATAGCATACAGGCTG 338
 42 AlaSerIleIleIleValValIleValIleValIleValIleValIleValIleVal 61
 339 GCGAGTATCATATGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTT 398
 62 CysGlyIleProLeuIleIleIleIleIleIleIleIleIleIleIleIleIleIle 81
 399 TGGGGGAGCTCTCCACCTTCATCCGAGGAGCACTGTGTGAGGAGGAGGAGGAGTGT 458
 82 ProLeuGlyIleAspGlyIleIleIleIleIleIleIleIleIleIleIleIleIle 101
 459 CCCTTGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 518
 102 ValArgLeuSerIyAspArgSerThrLeuGluValLeuAspSerAlaThrGlyAsnTrp 121
 519 GTCCGCTCTCCAGAGCCATTCACATCAGAGTGTGTGTGTGTGTGTGTGTGTGTGTGT 578
 122 PheSerAlaCysPheAspAspPheThrGluIleuAlaCysArgIleuMet 141
 579 TTCCTGCTGTTTTCGACATTCACAGAGCTCTGCTGAGACAGGCTGTAGGAGATG 638
 142 GlyTyrSerSerIySproThrPheArgIleValGluIleIleIleIleIleIleIleIle 161
 639 GGCTACAGC-----AGAGCTGTGAGATTGGCCAGCCAGGATCTGGAT 683
 162 ValValGluIleThrGluAsnSerGlnIleuArgMetArgAsnSerSerGlyProCys 181
 684 GTTGTCAAAATTCACAGAAACAGCCAGAGCTTCGATGCGGAATCTAATGGGCTGT 743
 182 LeuSerGlySerLeuValSerLeuIleIleIleIleIleIleIleIleIleIleIleIleIle 201
 744 CTCGAGGCTCCCTGGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 803
 202 ArgValValIleGlyIleGluIleValIleSerValIleAspSerTrpProIleIleIleIle 221
 804 CGTGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT 863
 222 TyrAspIySgInIleValIleIleIleIleIleIleIleIleIleIleIleIleIleIle 241
 864 TACGACAAACAGCAGTGTGAGGAGGATCTGAGCCCACTGGAGTCTTCACCGCA 923
 242 AlaIleCysPheArgIyIleIleIleIleIleIleIleIleIleIleIleIleIleIle 261
 924 GCCACAGCTTCAGGAACATACGAGTGTTCACATGGAAGGAGGAGGAGGAGGAGGAGGAG 983
 262 LysLeuGlySerPheProSerLeuAlaValAlaValIleIleIleIleIleIleIleIle 281
 984 AAACCTGGAGCTTCCATCCTGCTGTGGCCAGATCATCATCATCATCATCATCATCATCAT 1043

Qy 282 MetTyrProIysAspAsnAlaIleuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGACATGACATGCGCTCTATGAAGCTGCGATCCCATCTTCTCA 1103
Qy 302 G1YThrValArgProIleCyLeuProPhePheAspGluLeuThrProAlaThrPro 321
Db 1104 GGCACATGACAGCCCATCTGTCTCCCTCTTTATGAGAGCTCACTCCAGCCACCCA 1163
Qy 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
Db 1164 CTCTGATCATTTGATGGGCTTTACGAACGAGATGAGGAGGAGATCTCGACATCTG 1223
Qy 342 LeuGlnIleSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGACAGCGTCACTGACAGGTATGACAGCACAGGTGCAATGACAGAGTCCGACAG 1283
Qy 362 G1YGIuValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db 1284 GGGGAGTCCAGAGAGATATGTGTCCAGCATCCCGAAGGGGTGTGACACTGTC 1343
Qy 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401
Db 1344 CAGGTGACAGTGTGGGCCCCCTGATGTACCAATCTGACAGTGGCATGTGTGGCATC 1403
Qy 402 ValSerTrpGlyTrpGlyCysGlyGlyProSerThrProGlyValIleThrLysValSer 421
Db 1404 GTTAGCTGGGGCTATGTGCTGGGGGGCCGAGCACCCGAGAGATATACCAAGGTCTCA 1463
Qy 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
Db 1464 GCCTATCTCACTGATCTACAAATGTCTGAAGCTGAGCTG 1505

RESULT 137

US-10-017-867A-274

Sequence 274, Application US/10017867A

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Deenoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C60
CURRENT APPLICATION NUMBER: US/10/017,867A
CURRENT FILING DATE: 2001-12-13
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
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PRIOR APPLICATION NUMBER: 60/106023
PRIOR FILING DATE: 1998-10-28
PRIOR APPLICATION NUMBER: 60/106029

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-017-867A-274 (1-2063)

QY 2 ASPProASPseraspGlnProLeuAenSerLeuAaspValIysProLeuAargIysProAxy 21
DB 219 GATCTGACAGTATCAACCTCGAACAGCTCGATGTCAAACTCGGCAAACTCCGT 278

QY 22 ILProMeGlnThrPheArgIysValGlyIleProIleIleLeuAenSerLeu 41
DB 279 ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCTATGACACTGACCTG 338

QY 42 AIsSerIleIleIleValValLeuIleIysValIleLeuAaspIysTyrrPheLeu 61
DB 339 GCGAGTATCATGATTGGTGTGCTCATCAAGTGAATTCGATTAATCTACTTC 398

QY 62 CysGlyGlnProLeuHisPheIleProArgIysGlnLeuCysAspIysIleLeuAapCys 81
DB 399 TGGGGGAGCCTTCACATTCATCCAGAGAACACTGTGTACGAGAGCTGCTGT 458

QY 82 ProLeuGlnValAspGlnGlnIleCysValIysSerPheProGlnIysProAlaValAla 101
DB 459 CCTTGGGGAGGACGAGAGCACTGTGTCAAGCTTCCCAAGGCTTCGAGTGGCA 518

QY 102 ValArgLeuSerIysAspArgSerThrLeuGlnValIleuAaspSerAlaThrGlyAsnTrp 121
DB 519 GTCGGCTCTCCAAAGACGATCCACATCGTGTGATCTGGCACAGGAACTGG 578

QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCysArgGlnMet 141
DB 579 TTCTGTGCTGTGTTCGACAACTTCACAGAGCTCTGTGTGAGCACCTGTGTAGCGATG 638

QY 142 GlyTyrSerSerIysProThrPheArgAlaValGlnIleGlyProAspGlnAaspLeuAap 161
DB 639 GGCTTACAGC-----AGAGCTGTGAAGATTGGCCAGACCGAGTCTGGAT 683

QY 162 ValValGlnIleThrGlnAsnSerGlnIleuAargMetArgAsnSerSerGlyProCys 181
DB 684 GTTGTAATTCACAGAAACACGACGAGCTTCGATGGGAATCAAGATGGGCTGT 743

QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIysSerLeuIysThrPro 201
DB 744 CTCTCAGGCTCCCTGTGCTCTCCGCACTGTCTGTGTGGAGAGCCCGAAGACCC 803

QY 202 ArgValValGlnIleGlnGlnIleValAspValAspSerTrpProThrGlnValSerIleGln 221
DB 804 CGTGTGGTGGTGGAGAGGAGGCTCTGTGATTTCTTGCGCTTGCGACATCCAG 863

QY 222 TyrAspIysGlnHisValCysGlyIysSerIleLeuAaspProHisTrpValLeuThrAla 241

Db 864 TAGCAAAACAGCAGCTGTGTGAGGAGCATCTGAGACCCCACTGGGTCTCAAGCA 923
 Qy 242 AIAHISCVPEHAEGLVSHIETHASPVALPHEANTPVSVALATGALGLYSERASP 261
 Db 924 GCCCATGCTCTCAGAAACATACCATGTGTTCACTGAAAGGAGGAGGCTCAAC 983
 Qy 262 LYSLEUGISERPEHPEPSEIRLEUALVALALVALYSLEILEILEILEIGLPHENAPRO 281
 Db 984 AATCTGGAGAGCTTCCATCCCTGCTGGCTGGCCAAAGATCATCATATTGATTCACACCC 1043
 Qy 282 METYRPROLYASAPASAPSPILLEALALEUETLYSLEUGINPHEPROLEUTHRPHESER 301
 Db 1044 ATGTACCCCAAGACATGATGATGCCCTCATGAGAGTGCAGAGTCCCATCTTCTCA 1103
 Qy 302 GLYHTRVALATGPROLIECYELEUPROPHPEHAPSGULULEUTHRPROLALATHRPRO 321
 Db 1104 GGCAACAGTCAGGCCCATCTGTCTGCTCTTCTTGTATGAGAGCTCATCTCAAGCCCA 1163
 Qy 322 LEUTPILIEILEGLYTRPGLYPHERHRLYSGLINANGILYLYVEMETSERAPILLEU 341
 Db 1164 CTCTGATCATTTGATGAGGAGCTTTACAGAGCAAGATGAGGAGAGATCTGACATCTG 1223
 Qy 342 LEUGINALASERVALGINVALILEASPERTHARQCYASNALAASAPALATYRGIN 361
 Db 1224 CTGCAAGGCTCAGTCCAGGTCAATTGACAGCACAGGTGCAATGACAGATCGTACAG 1283
 Qy 362 GLYGLVVALITHTGLULYEMETCYBALAGIYILEPROGLUGLYGLYVALINAPHTCY 381
 Db 1284 GGGGAGAGTCACCGAAGATGATGTGTGAGGATCCCGAAGGGGAGTGTGACACCTGC 1343
 Qy 382 GINGLYASPERGLYGLYPROLEUMETLYRGINSEARSPINTPHISVALVALGLYLE 401
 Db 1344 CAGGCTGACAGTGGGAGGAGGCTTGTAGTACCATCTGACCACTGACATGTGTGGGCTC 1403
 Qy 402 VALSERTPGLYTYRGLYCYAGLYGLYPROSETHRPROGLYVALTYRTHRYVALSER 421
 Db 1404 GTTACTGGGGCTAATGGCTGGGGGCGGAGCACCCAGAGATATACCAAGGTCTCA 1463
 Qy 422 ALATYRLEUANTTPILLETYRANVALITPLYSALAGLULEU 435
 Db 1464 GCTATCTCAACTGATCTACATATGTGTGAGAGGCTGAGCTG 1505
 RESULT 138
 US-10-020-063A-274
 ; Sequence 274, Application US/10020063A
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan I.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gueney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2830PLC65
 ; CURRENT APPLICATION NUMBER: US/10/020,063A
 ; PRIOR FILING DATE: 2002-09-04
 ; PRIOR APPLICATION NUMBER: 60/098716
 ; PRIOR FILING DATE: 1998-09-01
 ; PRIOR APPLICATION NUMBER: 60/098723
 ; PRIOR FILING DATE: 1998-09-01
 ; PRIOR APPLICATION NUMBER: 60/098749
 ; PRIOR FILING DATE: 1998-09-01
 ; PRIOR APPLICATION NUMBER: 60/098750
 ; PRIOR FILING DATE: 1998-09-01

; PRIOR APPLICATION NUMBER: 60/098803
 ; PRIOR FILING DATE: 1998-09-02
 ; PRIOR APPLICATION NUMBER: 60/098821
 ; PRIOR FILING DATE: 1998-09-02
 ; PRIOR APPLICATION NUMBER: 60/098843
 ; PRIOR FILING DATE: 1998-09-02
 ; PRIOR APPLICATION NUMBER: 60/099536
 ; PRIOR FILING DATE: 1998-09-09
 ; PRIOR APPLICATION NUMBER: 60/099596
 ; PRIOR FILING DATE: 1998-09-09
 ; PRIOR APPLICATION NUMBER: 60/099598
 ; PRIOR FILING DATE: 1998-09-09
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 477
 ; SEQ ID NO 274
 ; LENGTH: 2063
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-020-063A-274
 Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 5
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1
 US-10-803-530-2 (1-435) x US-10-020-063A-274 (1-2063)
 Qy 2 ASPPROASPERASPGINPROLEUANSERLEUASPVALLYSPPROLEUARYLSPROARG 21
 Db 219 GATCTGACATGATCAACCTCTGACAGCTCGATGCAACCCCTGCGAAACCCCGT 278
 Qy 22 ILEPROWETGLUTHRPHENARYLSVALGLYILEPROLIEILEILEALEULEUSERLEU 41
 Db 279 ATCCCATGAGAGCCTTCAGAAAGGTGGGATCCCATCATCATATGACATCTAGCGCTG 338
 Qy 42 ALASERLIEILEILEVALVALLEULEULEVALLEULYSVALLEULASPVLYTYRPHLEU 61
 Db 339 GCGATATCATCATGTGTGTCTCTCATCAAGGATGATTCGATTAATATCTACTCTTC 398
 Qy 62 CYSGLYGINPROLEUHIAPHEILEPROARGLYSGINLEUCYASPGLYGLULEUASPCYS 81
 Db 399 TCCGGGAGAGCTCTCCATCTTCAATCCCGAAGACAGCTGTGACAGAGCTGACTGT 458
 Qy 82 PROLEUGLYGLUASPGULGULHIACYVALLYSERPEHPEPGLUGLYPROLALVALALA 101
 Db 459 CCTTGGGGAGAGAGAGAGCATGTGTCAAGACCTTCCCGAAGGGCTGCAAGTGGCA 518
 Qy 102 VALARGLEUSERLYASPARGSETHRLEUGINVALLEUASPERALATHRGVASENTP 121
 Db 519 GTCCGCTCTCCAAAGACCGATCCACTGAGGAGTGGATCGGCCACAGGGAATCG 578
 Qy 122 PHESERALACYSPHEASPSAPNPHETHRGLUNALALEUALAGLUTHRALACYAARGLIMET 141
 Db 579 TTCTCTGCTGTTTGAACAATCTTCAAGAGCTCTGCGAGACAGCGCTGTGAGGAGAG 638
 Qy 142 GLYTYRSESERLYSPROTHRPHENARGVALVALGLIILEGLYPROASPGINASPLEUASP 161
 Db 639 GGCTACAGC-----AGAGCTGGAGATTTGGCCAGACCAAGATCTGAGAT 683
 Qy 162 VALVALGLULIETHRGLUANSERLINGLULEUARGMETARGANSERSEGLYPROCY 181
 Db 684 GTTGTGTAATACAGAAACAGCCAGAGAGCTTCCATGCGGAATCTCAAGTGGCCCTGT 743
 Qy 182 LEUSERGLYSERLEUVALSERLEUHIACYLEUALACYSGLYLYSERLEUARYTHRPRO 201
 Db 744 CTCTCAGGCTCCCTGCTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 803
 Qy 202 ARGVALVALGLYGLULGLULALASERVALASPERTPTPTGTGVALSERLIEGIN 221
 Db 804 CGTGTGTGTGGTGGGAGAGGCTCTGTGTGATCTTGTGCTGTGCAAGGTCAAGTCCAG 863

222 TyrAspLysGlnHisValCysGlySerIleLeuAspProHisThrValIleuThrAla 241
Db TRCGCAACACACAGCTCTGTGAGAGAGACATCCGACCCCTGGGTCTCTCACGGCA 923
Qy 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Db GCCCACTGCTTCAGAAACATACCATGTGTTCACTGGAGAGTCCGGGACGGCTCAAC 983
Qy 262 LysLeuGlySerPheProSerIleuAlaValAlaLysIleIleIleGlnPheAsnPro 281
Db 984 AACACGGGACAGTCCATCCCTGCTGCGCAAGATCATCATCATTAATTCACACCC 1043
Qy 282 MetTrpProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTRACCCCAAGACATGACATCCCTCATGAGCTGCGAGTCCCATCTCTTCTCA 1103
Qy 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
Db 1104 GGCACAGTCAGGCCCATCTGTCTGCTCTTCTTGTAGTAGAGCTCATCCGACCCCA 1163
Qy 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
Db 1164 CTGCGATCATTTGATGGGCTTTACGAGACAGATGAGGAGATGTCGACATACCTG 1223
Qy 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaThrGln 361
Db 1224 CTGCAAGGCTCAGTCCAGTCAATGACAGCACGCTCAATGCAAGATGCTGACAG 1283
Qy 362 GlyLysValIleThrGlyLysMetMetCysAlaGlyIleProGluGlyLysValAspThrCys 381
Db 1284 GGGGAAGTCACCGAAGATATGTGTGACAGCATCCCGAAGGGGGTGGACACCTGC 1343
Qy 382 GlnGlyAspSerGlyIleProLeuMetTrpGlnSerAspGlnIleValIleGlyIle 401
Db 1344 CAGGTCACATGTGTGGGCTTGTATGATGACCAATGTGACAGTGCATGTGTGGCTC 1403
Qy 402 ValSerTrpGlyTrpGlyCysGlyIleProSerThrProGlyValIleThrLysValSer 421
Db 1404 GTTAGCTGGGGCTATGGCTGCGGGGGCCGAGCACCCAGAGATATACCAAGATCTCA 1463
Qy 422 AlaTrpLeuAsnTrpIleTrpAsnValIleTrpLysAlaGluLeu 435
Db 1464 GCCATCTCACTGATCTGATCTCAATGTCTGGAAGCTGAGCTG 1505

RESULT 139
US-10-052-586-329
Sequence 329, Application US/10052586
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Chen, J'ian
APPLICANT: Deenoyers, Luc
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Smith, Victoria
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OR INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3430R1C1
CURRENT APPLICATION NUMBER: US/10/052, 586
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059266
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063120
PRIOR FILING DATE: 1997-10-24

PRIOR APPLICATION NUMBER: 60/063121
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063486
PRIOR FILING DATE: 1997-10-21
PRIOR APPLICATION NUMBER: 60/063540
PRIOR FILING DATE: 1997-10-28
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PRIOR FILING DATE: 1998-05-22
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PRIOR FILING DATE: 1998-06-12
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PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089598
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089653
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089908
PRIOR FILING DATE: 1998-06-18

Alignment Scores:

Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-052-586-329 (1-2063)

QY 2 AappPoaBpSerAepGlnProLeuAnSerLeuAapValIysProLeuAArgIysProArg 21
DB 219 GATCCTGACAGTGAACCTTCTGAAAGCCTCGATGTCAAACCCCTGGCAACCCCGT 278
QY 22 IlePrometGluThrPheArgIysValIlePoiIleIleAlaLeuLeuSerLeu 41
DB 279 ATCCCATGAGACCTTCAAGAAAGTGGGATCCCATCATATACACTAGAGCTCG 338
QY 42 AlaSerIleIleIleValIleValIleuIleIysValIleLeuAapIysTrpPheIleu 61
DB 339 GCGAGTATCATCATTTGTGGTTCTCATCAAGGTGATTCTGATTAATACTACTTCCTC 398
QY 62 CysGlyIleProLeuHisPheIleProArgIysGlnLeuCysAspGlyGlnLeuAapCys 81
DB 399 TCGGGGACGCTCTCCACTTCATCCCGAAGACGCTGTGTGACGAGAGCTGACTGT 458
QY 82 ProLeuGlyIleuAapGlnGluHisCysValIysSerPheProGlyGlyProAlaValAla 101
DB 459 CCGTGGGGAGAGACGAGAGCACTGTGCAAGAGCTTCCCGAAGGGCTTCAGTGGCA 518
QY 102 ValArgLeuSerIysAapArgSerThrLeuGlnValIleuAapSerAlaThrGlyAsnTrp 121
DB 519 GTCCGCTCTCAAGAGACCGATCCACATCGAGGCTGTGACTCGGCCACAGGAACTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaValIleGluThrAlaCysArgGlnMet 141
DB 579 TTCTCTGCTGTTTGCACAACTTCAAGAAAGCTTCCGAGACAGCCTGTGTGGCAGATG 638
QY 142 GlyTrpSerSerIysProThrPheArgAlaValIleGlyProAspGlnAapLeuAap 161
DB 639 GGCTACAGC-----AGAGCTGTGAGATTGGCCAGACCAAGATCTGGAT 683
QY 162 ValIleGluIleThrGluAsnSerGlnIleuAapMetArgAsnSerGlyProCys 181

Db 684 GTTGTGAATTCAGAGAAAACAGCAGAGCTTCGATCGGAGAACTCAAGTGGCCCTGT 743
Qy 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
Db 744 CTCTCAGGCTCCCTGGTCTCTCCCTGCACTGTCTGTGCTGTGGAGAGCCCTGAGACCC 803
Qy 202 ArgValValGlyLysGluGluValAspSerThrProTrpGlnValSerIleGln 221
Db 804 CGTGTGGTGGGTGGAGAGAGCCCTGTGTGATTTCTTGGCTTGGAGGTCAAGATCCAG 863
Qy 222 TyrAspLysGlnHisIleValCysGlyLysSerIleLeuAspProHisTrpValLeuThrAla 241
Db 864 TAGCAAAACAGCAGCTGTGTGGAGAGAGCTTCGAGCCCACTGGGTCTCTCAGCGCA 923
Qy 242 AlaHisCysPheArgLysHisIleThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Db 924 GCCCATGTGTTCAAGAAACATACCCATGTGTTCACTGAAAGGTGGCGAGGCTCAGAC 983
Qy 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
Db 984 AAACGTGGAGCTTCCCATCCCTGGCTGTGGCCAGATCATCATCATTTCAATTCACACCC 1043
Qy 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGACATATACATGCCCTCATATGAGCTGAGTTCACCTTCCTCA 1103
Qy 302 GlyThrValArgProIleCysLeuProPhePheAspGluLeuThrProAlaThrPro 321
Db 1104 GGCACAGTCAGGCCCATCTGTCTGCCCTTTGATGAGAGCTCACTCCAGCCCA 1163
Qy 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyLysLysMetSerAspIleLeu 341
Db 1164 CTCTGATCATTTGAGAGGGGCTTTTACAGAGCAATGAGAGGAGATGTCTGACATATGTG 1223
Qy 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGCAAGGGTCACTCAAGCTCTTACACAGCACCGGTGCATGACAGAGAGCGTACCG 1283
Qy 362 GlyLeuValThrGluLysMetCysAlaGlyIleProGluGlyLysValAspThrCys 381
Db 1284 GGGGAGATCACCGAAGATATGTGTGACAGCATCCGGAAAGGGGTGTGACACCTGC 1343
Qy 382 GlnGlyAspSerGlyLysProLeuMetTyrGlnSerAspGlnTrpHisValGlyTyrLe 401
Db 1344 CAGGCTGACAGTGGGCCCCCTGTATGACCAATGTGACAGTGGCATGTGTGGGATC 1403
Qy 402 ValSerTrpGlyTyrGlyCysGlyLysProSerThrProGlyValIleTyrThrLysValSer 421
Db 1404 GTTAGCTGGGCTATGGCTGGGGGGCCCGACACCCAGAGATATACCAAGGTCTCA 1463
Qy 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
Db 1464 GCCTATCTCACTGATCTACATGTCTGAAAGGCTGAGCTG 1505

RESULT 140
US-10-063-502-111
; Sequence 111, Application US/10063502
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P323ORIC1
; CURRENT APPLICATION NUMBER: US/10/063,502
; CURRENT FILING DATE: 2002-05-01
; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-502-111
Alignment Scores:
Pred. No.: 0
Score: 2297.50
Percent Similarity: 98.85%
Best Local Similarity: 98.85%
Query Match: 98.10%
DB: 40
Gaps: 1
US-10-803-530-2 (1-435) x US-10-063-502-111 (1-2063)
Qy 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
Db 219 GATCTGACAGTATCATCACTCTGACAGCTGTGATGTCAAAACCCCTGGCAAAACCCGT 278
Qy 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuSerLeu 41
Db 279 ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCATATACACTAGACCTCG 338
Qy 42 AlaSerIleIleIleValValIleValIleLysValIleLeuAspLysTyrTrpLeu 61
Db 339 GCGAGTATCATATGTGTGTCTTCATCAAGTATTCGTGATTAATTAATTAATTCCTTC 398
Qy 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
Db 399 TGGGGAGAGCTCTCCACTTCATCCCGAGAGACAGCTGTGTGACGAGAGCTGACTGT 458
Qy 82 ProLeuGlyLysAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
Db 459 CCCTTGGGAGAGACAGAGACAGTGTTCAGAGCTTCCCGAAGGGCTGCAAGTGGCA 518
Qy 102 ValArgLeuSerLysAspArgSerThrLeuGlnValIleAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTCCAGAGACGATTCACATGCAAGTGTGATGTGGCCCAAGGGAACTGG 578
Qy 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 579 TTCTTGCCGTGTTGACAACTTCACAGAGCTCTGCTGAGACAGCTGTGAGAGATG 638
Qy 142 GlyTyrSerSerLysPheProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCTACAGC-----AGAGCTGTGAGATTGGCCACAGACAGATCTGGAT 683
Qy 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTGAATATCAGAAAACAGCAGAGCTTCCATGAGCGGAATCAAGTGGGCCCTGT 743
Qy 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
Db 744 CTCTCAGGCTCCCTGGTCTCTCCCTGCACTGTCTGTGCTGTGGAGAGCCCTGAGACCC 803
Qy 202 ArgValValGlyLysGluGluValAspSerThrProTrpGlnValSerIleGln 221
Db 804 CGTGTGGTGGGTGGAGAGAGCCCTGTGTGATTTCTTGGCTTGGAGGTCAAGATCCAG 863
Qy 222 TyrAspLysGlnHisIleValCysGlyLysSerIleLeuAspProHisTrpValLeuThrAla 241
Db 864 TAGCAAAACAGCAGCTGTGTGGAGAGAGATCTCGACACCCCACTGGGTCTTACAGCA 923
Qy 242 AlaHisCysPheArgLysHisIleThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Db 924 GCCCACTCTTCAGGAAACATACCATGTGTTCACTGGAAGTGGCGGCGAGCTCAGAC 983
Qy 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
Db 984 AAACGTGGAGCTTCCCATCCCTGGCTGTGGCCAGATCATCATCATTTCAATTCACACCC 1043

QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 DB 1044 ATGACCCCAAGACAAATGATGATGCTTCAATGAGCTGACGTTCCCACTACCTTTCTCA 1103
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 DB 1104 GGCACAGTCAGGCCCATCTGCTGCTCTTTGATGAGAGCTCACTCCAGCCACCCCA 1163
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 DB 1164 CTCTGATCATTTGATGGGCTTTTACGAAAGATGAGGAAAGATCTTGAACATATCTG 1223
 QY 342 LeuGlnAspSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 DB 1224 CTGAGGGGTCACTGACAGTCAATGACACACGCTCAATTCAGACGATCCGTTACCG 1283
 QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
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 QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValGlyIle 401
 DB 1344 CAGGATGACATGGTGGGCTTGTGATGATGATGATGATGATGATGATGATGATGATG 1403
 QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValIleThrLysValSer 421
 DB 1404 GTTAGCTGGGCTAATGCTGGGGGGGGCCGAGACCCCAAGAGATACCAAGGTTCTCA 1463
 QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
 DB 1464 GCCTATCTCACTGATCTACATATCTGGAAGCTGAGCTG 1505

RESULT 141 US-10-063-510-111

Sequence 111, Application US/10063510
 GENERAL INFORMATION:
 APPLICANT: Eaton, Dan L.
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Watanabe, Colin K.
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P3230R1C1
 CURRENT APPLICATION NUMBER: US/10/063,510
 CURRENT FILING DATE: 2002-05-01
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 170
 SEQ ID NO 111
 LENGTH: 2063
 TYPE: DNA
 ORGANISM: Homo Sapien
 US-10-063-510-111

Alignment Scores:

Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-510-111 (1-2063)

QY 2 AppProAspSerAspGlnProLeuAsnSerLeuAspValIleAspProLeuArgLysProArg 21
 DB 219 GATCCGACAGTCATGATCACTCTGAAACAGCTCGATGCAAAACCCCTGGCGCAAAACCCCT 278
 QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuSerLeu 41

DB 279 ATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATATGACATCAAGAGCTG 338
 QY 42 AlAserIleIleIleValIleValIleLeuIleLysValIleLeuAspLysTyrTyrPheLeu 61
 DB 339 GCGAGTATCATATTTGGTGTCTTCATCAAGGTATTTGGAATTAATTAATTAATTAATTA 398
 QY 62 CysGlyIleProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
 DB 399 TGGGGAGAGCTCTCCATCTTCATCCGAGAGAGAGCTGTGTGACGAGAGCTGACTGT 458
 QY 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
 DB 459 CCTTGGGGGAG 518
 QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValIleLeuAspSerAlaThrGlyAsnTrp 121
 DB 519 GTCCGCTCTTCAAGAGCCGATTCACATGAGGTGTGAGCTGGAGCCACAGAGAGAGAGAG 578
 QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
 DB 579 TTCTCTGCTGTTCGACAACTTCAAGAGCTCTCGTGAAGACAGCTGTATGAGAGATG 638
 QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
 DB 639 GGTACAGC-----AGAGCTGTGAGATGGCCAGACACAGAGATCTGAT 683
 QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetLysAsnSerSerGlyProCys 181
 DB 684 GTTGTGTAATCAACAGAAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuIleThrPro 201
 DB 744 CTCTAGGCTCTCTGATCTCTCTGATCTCTCTGATCTCTCTGATCTCTGATCTCTGATCT 803
 QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
 DB 804 CGTGTGGTGGGGGAG 863
 QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
 DB 864 TACGACAAACAGACGCTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 923
 QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
 DB 924 GCCCATGCTCTTCAAGAAACATACCATGATGTTCACTGAAGAGAGAGAGAGAGAGAGAG 983
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
 DB 984 AAACGGGAGAGCTTCCATCCCTGGCTGTGGCAAGATCATCATGATTCATCAACCCC 1043
 QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 DB 1044 ATGTACCCCAAGACAAATGATGCTCCCTCATGAGCTGCAAGTGTCCACTCTTCTCA 1103
 QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
 DB 1104 GGCACAGTCAGGCCCATCTGCTGCTCTTTGATGAGAGCTACCTCCAGCCACCCCA 1163
 QY 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
 DB 1164 CTCTGATCATTTGATGGGCTTTTACGAAAGATGAGGAAAGATCTTGAACATATCTG 1223
 QY 342 LeuGlnAspSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 DB 1224 CTGAGGGGTCACTGACAGTCAATGACACACGCTCAATTCAGACGATCCGTTACCG 1283
 QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
 DB 1284 GGGGAGTCACCGAAGATATGATGTGTCAGGCAATCCCGAAGGGGGTGTGAGACCTGC 1343
 QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValGlyIle 401

Db 1344 CAGGATGACAGTGTGGGCCCCCTGATGTACCAATCTGACCAAGTGCATGTGGGCATC 1403
Qy 402 ValSerTrpGlyTyrGlyCysGlyProSerThrProGlyValTyrThrIysValSer 421
Db 1404 GTTAGCTGGGCTATGTGCTGGGGGGCCCGAGCAGCCCAAGTATACCAAGGCTCTCA 1463
Qy 422 AlaTyrLeuAsnTrpIleTyrAsnValTyrIysAlaGluLeu 435
Db 1464 GCTTATCTCACTGATCTACATATGTCTGAAAGCTGAGCTG 1505
RESULT 142
US-10-063-512-111
; Sequence 111, Application US/10063512
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,512
; CURRENT FILING DATE: 2002-05-01
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-512-111
Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
Gaps: 1
US-10-803-530-2 (1-435) x US-10-063-512-111 (1-2063)
Qy 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIysProLeuArgLysProArg 21
Db 219 GATCTGACAGTATCAACCTCTGACAGCCTCCATGTCCAAACCCCTGCGAAACCCCGT 278
Qy 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
Db 279 ATCCCCATGAGACCTTCAGAAAGTGGGAGATCCCATCATCATAGACATAGAGCTG 338
Qy 42 AlaSerIleIleIleValIleValIleIleIleIleIleIleIleIleIleIleIleIleIle 61
Db 339 GCGAGTATCATATTTGGTGTGCTCTCATCAAGGTGATTCGATTAATAATCTACTTCCTC 398
Qy 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGlyIleLeuAspCys 81
Db 399 TGCAGGACAGCTCTCCACTTCATCCCGAGAAAGACGTGTGTGACGAGAGCTGAGCTGT 458
Qy 82 ProLeuGlyGluAspGlyGluHisCysValIysSerPheProGlyGlyProAlaValAla 101
Db 459 CCCCCTGGAGAGAGCAGAGACCTGTGTCAAGAGCTTCCCGAAGGGCTGCGAGTGGCA 518
Qy 102 ValArgLeuSerLysAspArgSerThrLeuGlnValIleLeuAspSerAlaTrpGlyAsnTrp 121
Db 519 GTCCGCTCTCCAAAGACCAATCCACCTGAGGTGCTGAGCTCGGCAAGGAACTGG 578
Qy 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysATGGLInec 141
Db 579 TTCTCTGCTGTTTTCGACAACTTCACAGAGCTCTGCTGACAGAGCTGTATAGCAGATG 638

Qy 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCATACAGC-----AGAGCTGTGAGATTTGGCCCAAGCCAGATCTGGAT 683
Qy 162 ValValGluIleThrGluAsnSerGlnIleLeuArgMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTAAATTCACAGAAACAGCCAGAGACCTTCGATGCGGAATCAAGTGGGCCCTGT 743
Qy 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysTrpPro 201
Db 744 CTTCAGGCTCCCTGGTCTCCCTGACATGTTGCTGCTGAGAAAGCTGAAAGACCCCC 803
Qy 202 ArgValValGlyGlyGlnGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db 804 CGTGTGTGGGTGGGAGAGAGGCTGTGTGATTTCTTGCTTGCGACAGTCCAGATCCAG 863
Qy 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
Db 864 TACGACAAACAGACAGCTGTGTGAGAGGAGCATCTGAGACCCCACTGGGTCTCACGGCA 923
Qy 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Db 924 GCCACAGCTTCAGAAACATACCATGTGTCTCACTGAAAGTGGCGGACAGCTCAGAC 983
Qy 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
Db 984 AAACGTGGCAGCTTCCATCCCTGCTGGTGGCCAAATCATCATCATTAATTCACCC 1043
Qy 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGACATGATGATCGCCCTCAAGACATGACATGTCAGATTCACCTTCTCA 1103
Qy 302 GlyThrValArgProIleCysLeuProPhePheAspGlnIleLeuThrProAlaThrPro 321
Db 1104 GGCACAGTCAGGCCCCATCTGTCTGCCCTTCTTGTGATGAGAGACTCATCAGCCACCC 1163
Qy 322 LeuThrIleIleGlyThrGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
Db 1164 CTCTGATATCATTTGAGTGGGCTTTTACGAAGACGAATGAGGGGAAATGTCTGACATAC 1223
Qy 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGACAGCGTCAGTCCAGGTATTCAGACGACACCGGTGAAAGCAGATCCGATCCAG 1283
Qy 362 GlyGluValThrGluLysMetLysCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db 1284 GGGGAGTACCCAGAGAAATGATGTGTGACAGGCATCCCGAAAGGGGTGTGGACACTGC 1343
Qy 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401
Db 1344 CAGGAGTACAGTGTGGGCCCCCTGATGTACATCTGACAGTGCAGATGTGTGGGCATC 1403
Qy 402 ValSerTrpGlyTyrGlyCysGlyProSerThrProGlyValTyrThrLysValSer 421
Db 1404 GTTAGCTGGGCTATGTGCTGGGGGGCCCGAGCAGCCCAAGTATACCAAGGCTCTCA 1463
Qy 422 AlaTyrLeuAsnTrpIleTyrAsnValTyrIysAlaGluLeu 435
Db 1464 GCTTATCTCACTGATCTACATATGTCTGAAAGCTGAGCTG 1505
RESULT 143
US-10-063-513-111
; Sequence 111, Application US/10063513
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.

APPLICANT: Wood, William I.
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P3230R1C1
 CURRENT APPLICATION NUMBER: US/10/063, 513
 CURRENT FILING DATE: 2002-05-01
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 170
 SEQ ID NO 111
 LENGTH: 2063
 TYPE: DNA
 ORGANISM: Homo Sapien
 US-10-063-513-111

Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-513-111 (1-2063)

QY	2	AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg	21
DB	219	GATCTGACAGTGAACCTCTGACAGCTCTGACATGACACCTTCCGACAAACCTCT	278
QY	22	ILleProMetGlnThrPheArgLysValGlyLeuProIleIleIleLeuLeuSerLeu	41
DB	279	ATCCCAAGGAGACCTTCAGAAAGGTGGGATCCCATCATCATATGCACTAGAGCTG	338
QY	42	AlaSerIleIleIleValValLeuIleLysValIleLeuAspLysTyrThrLeu	61
DB	339	GCGAGTATCATCATTTGTGTCTCTCATCAAGGATTCGAAATTAATTAATTAATTC	398
QY	62	CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyLysLeuAspCys	81
DB	399	TGCGGAGCCCTCTCACTTCAATCCGAGAGAGAGCTGTGTGACGAGAGCTGACTGT	458
QY	82	ProLeuGlyGlnAspGlnGlnHisCysValLysSerPheProGlnGlyProAlaValAla	101
DB	459	CCCTTGGGGAG	518
QY	102	ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp	121
DB	519	GTCCGCTCTCCAG	578
QY	122	PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCysArgGlnMet	141
DB	579	TTCCTGTGCTGTTGACAACTTCAAGAGCTCTGAGACAGCTGTGAGGAGAGAG	638
QY	142	GlyTyrSerSerLysProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp	161
DB	639	GGCTACAGC-----AGAGCTGTGGAGATTTGGCCACAGACAGATTTGGAT	683
QY	162	ValValGlnIleThrGlnAsnSerGlnGlnLeuArgMetArgAsnSerSerGlyProCys	181
DB	684	GTTGTGAATCAGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG	743
QY	182	LeuSerGlySerLeuValSerLeuHisCysValMetAlaCysGlyLysSerLeuLysThrPro	201
DB	744	CTCTAGAGCTCCCTGCTCTCTCTGACATGCTCTGCTGAGAGAGAGAGAGAGAGAG	803
QY	202	ArgValValGlyGlyGlnGlnLysSerValAspSerTrpProTrpGlnValSerIleGln	221
DB	804	CCTGTGCTGTGTGGAG	863
QY	222	TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisIleTrpValLeuThrAla	241
DB	864	TACGACAAACAGACAGCTGTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG	923
QY	242	AlaHisCysPheArgLysHisIleThrAspValPheAsnTrpValArgAlaGlySerAsp	261

DB	924	GCCACAGCTTCAGAGAAACATACGAGTGTTCATGAGAGGCGGAGGCTCAGAC	983
QY	262	LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsnPro	281
DB	984	AAACTGGGAGAGCTTCATCCATCCCTGCTGTGGCCAGATCATCATTTGATTAACCCC	1043
QY	282	MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer	301
DB	1044	ATGTACCCAAAGACATGATGATGCTCATGAAAGCTGAGAGTCCCATCATCTTCTCA	1103
QY	302	GlyThrValArgProIleCysLeuProPhePheAspGlnGlnLeuThrProAlaThrPro	321
DB	1104	GGCAGAGTACAGCCCATCTGCTGCTCTTCTTATGATGAGAGCTCATCTCAGCCCA	1163
QY	322	LeuTrpIleIleGlyTyrGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu	341
DB	1164	CTTGTGATCATGTGATGGGCTTTACAGAGCATGAGAGAGAGATGTCTGACATCTG	1223
QY	342	LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln	361
DB	1224	CTGACAGCGCTCAGTCCAGTTCATTTGACAGACACAGTGCATGACAGATGCCATCAG	1283
QY	362	GlyGlnValThrGlyLysMetCysAlaGlyIleProGlnGlyValAspThrCys	381
DB	1284	GGGAGAGTCAACGAGAGATGATGTGTGACAGGCAATCCCGAGAGGGGTGTGACACCTGC	1343
QY	382	GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValGlyIle	401
DB	1344	CAGGTGACATGTGTGGGCTTATGATGACCAATCTGACAGTGCATGTGTGGGATTC	1403
QY	402	ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer	421
DB	1404	GTTAGCTGGGCTATGCTGTGGGGGCGCCAGACGCCAGAGATATACCAAGGTCTCA	1463
QY	422	AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGlnLeu	435
DB	1464	GCTATCTCACTGATCTCAATGTCTGAGAGGCTGAGCTG	1505

RESULT 144
 US-10-063-514-111
 ; Sequence 111, Application US/10063514
 ; GENERAL INFORMATION:
 ; APPLICANT: Baton, Dan L.
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3230R1C1
 ; CURRENT APPLICATION NUMBER: US/10/063, 514
 ; CURRENT FILING DATE: 2002-05-01
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 170
 ; SEQ ID NO 111
 ; LENGTH: 2063
 ; TYPE: DNA
 ; ORGANISM: Homo Sapien
 ; US-10-063-514-111

Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-514-111 (1-2063)

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QY 2 AspProAspSerLeuProlLeuAsnSerLeuAspValIysProlLeuArgIysProArg 21
DB 219 GATCTGACAGGTATCAACCTCTGAACAGCCTCGATGTCAAAACCCCTGGCAAAACCCCTG 278
QY 22 IleProMetGluThrPheArgIysValIleProIleIleIleIleIleLeuSerLeu 41
DB 279 ATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATCATGACCTACCTGAGCTG 338
QY 42 AlaSerIleIleIleValValIleLeuIleValIleLeuAspIysTyrThrPheLeu 61
DB 339 GCGAGATATCATCTTGTGGTGTCTCATCAAGGTGATTCTGGATTAATATCACTTCTCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgIysGlnLeuCysAspGlyIleLeuAspCys 81
DB 399 TGGGGGACGCTCTTCCACTTCATCCGAGAGAAAGCAGCTGTGTGACGAGAAAGCTGAC 458
QY 82 ProlLeuGlyIleAspGlnIleHisCysValIlySerPheProGlnIleProAlaValAla 101
DB 459 CCTTGGGGAGGACGAGGAGCAGCTGTCTCAAGAGCTTCCCGAAGGCTTGCAGTGGCA 518
QY 102 ValAlaGlnSerIleAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
DB 519 GTCCGCTCTTCCAAAGGACCGATCCACATGACAGTGTGACTCGGCCACAGGGAACTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGluThrAlaCysArgGlnMet 141
DB 579 TTCTCGCTGCTGTTCGACAACTTCACAGAACTTCGCTGACAGACCTGTGAGGACAGTGG 638
QY 142 GlyTyrSerSerIysProThrPheArgAlaValIleGlyProAspGlnAspLeuAsp 161
DB 639 GGCTACAGC-----AGAGCTGTGAGATTGGCCCGACAGCAAGACTGTGAT 683
QY 162 ValIleGlnIleThrGlnAsnSerGlnGlnLeuAsnMetAlaGlnAsnSerGlyProCys 181
DB 684 GTTGTGAAATATCAGAAACAGCCAGGAGCTTCGACAGCGCAACTCAAGTGGCCCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIysSerLeuIysThrPro 201
DB 744 CTCTCAGGCTCCCTGTCTCCCTGTGCACTGTCTGTGCGGAAAGCCTGAAACCCCTCC 803
QY 202 ArgValIleGlyIleGlnIleAspSerValIleAspSerTrpProTrpGlnValSerIleGln 221
DB 804 CGTGTGTGGGTGGGAGAGAGCCCTGTGTGATCTTGGCCTTGGCAGTCAAGCATCAG 863
QY 222 TyrAspIysGlnHisValIleCysGlyIleSerIleLeuAspProHisIleTrpValLeuThrAla 241
DB 864 TACGACAAACAGCAGCTGTGTGAGAGAGCATCTGACCCCACTGGGTCCTCAACGGCA 923
QY 242 AlaHisCysPheArgIysHisIleThrAspValPheAsnTrpIysValIleArgAlaGlySerAsp 261
DB 924 GCCCAGCTGCTTCAGAGAAACATACCGATGTGTTCACATCGGAAGTGGCGGAGGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaIysIleIleIleIleIleGlnPheAsnPro 281
DB 984 AAACCTGGCAGCTTCCCATCTCTGTGCTGTGGCCAAAGTATCATCATTAATTAATCAACCCC 1043
QY 282 MetTyrProIysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
DB 1044 ATGTACCCCAAAAGACATGACATGCGCTCATGAGCTGACAGTTCCACATCACTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPheAspGlnIleLeuThrProAlaThrPro 321
DB 1104 GCGACAGTACAGCCCATCTGTCTGCTCTTGTGATGAGAGCTCACTCAGCAACCCCA 1163
QY 322 LeuTrpIleIleGlyTyrPglIysPheThrIysGlnAspGlyIleIysIleSerAspIleLeu 341
DB 1164 CTCTGATCATTTGGATGGGGTTTTCAGACAGAAATGAGAGGAAATGCTGTGACATACG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
DB 1224 CTCAGGCGCTCACTGTCAGTCAATTGACAGCAACGGGTGCAATGCATGCGTATCCAG 1283
```

```
QY 362 GlyGlnValThrGlnIysMetMetCysAlaGlyIleProGlnIleGlyValIleAspThrCys 381
DB 1284 GGGAAATGACACCGAAGAAATGATGTGTGACAGGCATCCCGAAGGGGTGTGGACCTGC 1343
QY 382 GlnIleAspSerGlyIleProLeuMetTyrGlnSerAspGlnTrpHisValIleGlyIle 401
DB 1344 CAGGATGACAGTGTGGCCCCCTGATGTACCAATCTGACCAAGTGGCATGTGTGGGCACT 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyIleProSerThrProGlnValIleTyrThrIysValSer 421
DB 1404 GTTAGCTGGGCGTATGGCTGTGGGGGCGGAGCACTCCAGAGACTATACCAAGGTCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpIysAlaGlnIleu 435
DB 1464 GCTATCTCAATGATCATATGTCTGGAAGCTGAGACTG 1505
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RESULT 145

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US-10-063-515-111
Sequence 111, Application US/10063515
GENERAL INFORMATION:
APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerltsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Matanabe, Colin K.
APPLICANT: Wood, William J.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,515
CURRENT FILING DATE: 2002-05-01
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 111
LENGTH: 2063
TYPE: DNA
ORGANISM: Homo Sapien
US-10-063-515-111
```

Alignment Scores:

Pred. No.:	0	Length:	2063
Score:	2297.50	Matches:	429
Percent Similarity:	98.85%	Conservative:	0
Best Local Similarity:	98.85%	Mismatches:	0
Query Match:	98.10%	Indels:	5
DB:	40	Gaps:	1

US-10-803-530-2 (1-435) x US-10-063-515-111 (1-2063)

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QY 2 AspProAspSerAspGlnProlLeuAsnSerLeuAspValIysProlLeuArgIysProArg 21
DB 219 GATCTGACAGGTATCAACCTCTGAACAGCCTCGATGTCAAAACCCCTGGCAAAACCCCTG 278
QY 22 IleProMetGluThrPheArgIysValIleProIleIleIleIleIleLeuSerLeu 41
DB 279 ATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATGACCTACCTGAGCTG 338
QY 42 AlaSerIleIleIleValValIleLeuIleValIleLeuAspIysTyrThrPheLeu 61
DB 339 GCGAGTATCATCTTGTGGTGTCTCATCAAGGTGATTCTGGATTAATATCACTTCTCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgIysGlnLeuCysAspGlyIleLeuAspCys 81
DB 399 TGGGGGACGCTCTTCCACTTCATCCGAGAGCAGCTGTGTGACGAGAAAGCTGAGCTGT 458
QY 82 ProlLeuGlyIleAspGlnIleHisCysValIlySerPheProGlnIleProAlaValAla 101
DB 459 CCTTGGGGAGGACGAGGAGCAGCTGTGTCAAGAGCTTCCCGAAGGCTTGCAGTGGCA 518
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QY 102 ValArgLeuSerIysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
DB 519 GTCCGCTCTCCAGACCACTGCACTGCACTGCTGCACTGCGGCAAGGAACTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnTrpAlaCysArgGlnMet 141
DB 579 TTCCTGCTGCTTTCGACCACTTCAAGAACTCTGCTGAGACAGCTGTAGGCAAGT 638
QY 142 GlyTyrSerSerIysProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp 161
DB 639 GGCTACAGC-----AGACCTGTGAGATTGGCCCAAGACAGATCTGGAT 683
QY 162 ValValGlnIleThrGlnAsnSerGlnGlnLeuArgMetArgAsnSerSerGlyProCys 181
DB 684 GTTGTGAATCAAGAAACAGCCAGAGCTTGCATCGGAACTCAAGTGGGCTCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuIleCysLeuAlaCysGlyLysSerLeuIleThrPro 201
DB 744 CTCTCAGGCTCCCTGCTCTCCCTGCACTGCTGCTGCTGAGGAAAGCTCAAGACCCCC 803
QY 202 ArgValValGlyGlyGlnGlnAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
DB 804 CGTGTGGTGGTGGGAGAGAGGCTCTGTGATCTTGGCCTTGGCAGGTCAAGTCCAG 863
QY 222 TyrAspLysGlnIleValCysGlyGlySerIleLeuAspProIleTrpValLeuThrAla 241
DB 864 TACAGCAAAACAGCAGTGTGAGAGAGACCTCGAACCCCACTGGAGTCTCTCAGGCA 923
QY 242 AlaIleCysPheArgLysIleThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
DB 924 GCCCACTGCTTCCAGAAACATACCAATGTTTCACTGGAAGTGGGCGAGGCTCAAG 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaIleIleIleGlnPheAsnPro 281
DB 984 AACCTGGGAGCTTCCATCCCTGGCTGGCCAGATCATCATGAAATTCACACCC 1043
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
DB 1044 ATGTAACCCCAAGAAATGACATGCTCATGAAAGCTGAGTCCCATCTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGlnGlnLeuThrProAlaThrPro 321
DB 1104 GGCACAGTCAAGGCTCTGCTGCTGCTTCTTGTAGTGAAGTCACTCCAGCCCA 1163
QY 322 LeuTrpIleIleGlyTyrGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
DB 1164 CTCTGATCATTTGATGGGCTTTTACGAAGCAGATGAGGGAAGATGCTGACATCTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
DB 1224 CTGCAAGGCTCAGTCAAGTCAATTCAGACACAGCGGTGATGACAGATGCCGAC 1283
QY 362 GlyGluValIleThrGlnLysMetMetCysAlaGlyIleProGlnGlyValAspThrCys 381
DB 1284 GGGGAAGTCAAGCAAGATGATGTGTGAGGCACTCCGGAAGGGGTGTGACACCTGC 1343
QY 382 GlnGlyAspSerGlyLysProLeuMetTyrGlnSerAspGlnTrpIleValValGlyIle 401
DB 1344 CAGGCTGACAGTGTGGGCTTGTATGATCAATTCAGACAGTGTGCTGGGCAATC 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerTrpProGlyValTyrThrIleValSer 421
DB 1404 GTTACTGGGGCTTAGGCTGCGGGGCTCCGAGCAGCCCAAGATATACCAAGGTCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGlnLeu 435
DB 1464 GCCTATCTCACTGATCTTCAATGATCTGGAAGGCTGAGCTG 1505

RESULT 146
US-10-063-516-111
; Sequence 111, Application US/10063516
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.

APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary B.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Matanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OR INVENTION: ACTDS ENCODING THE SAME
FILE REFERENCE: P320R1C1
CURRENT APPLICATION NUMBER: US/10/063,516
PRIORITY FILING DATE: 2002-05-01
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 111
LENGTH: 2063
TYPE: DNA
ORGANISM: Homo Sapien
US-10-063-516-111

Alignment Scores:
Pred. No.: 0
Score: 2297.50
Percent Similarity: 98.85%
Best Local Similarity: 98.85%
Query Match: 98.10%
DB: 40
Matches: 2063
Conservative: 429
Mismatch: 0
Indels: 5
Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-516-111 (1-2063)

QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
DB 219 GATCTGACAGTGAATCACTTGAACAGCTTCATGCAACCTCGGCAACCCCTG 278
QY 22 IleProMetGlnThrPheArgLysValGlyIleProIleIleIleAlaLeuSerLeu 41
DB 279 ATCCCAAGAGACTTCAGAAAGTGGGATCCCATCATCATAGCACTAGAGCTG 338
QY 42 AlaSerIleIleValValValLeuIleLysValIleLeuAspLysTyrTrpPheLeu 61
DB 339 GCGAGTATCATATGTTGGTGTCTCATCAAGGTGATTCGATTAATTAATTAATCTTCTC 398
QY 62 CysGlyGlnProLeuAsnPheIleProArgLysGlnLeuCysAspGlyLysLeuAspCys 81
DB 399 TCGGGGAGCTCTCCTCACTTATCCAGAGAGAGCTGTGTGACGAGAGCTGACTGT 458
QY 82 ProLeuGlyLysAspGlnGlnIleCysValLysSerPheProGlnGlyProAlaValAla 101
DB 459 CCTTGGGGGAGAGAGAGACACTGTCTCAAGACTTCCCGAAGGGCTGAGTGGCA 518
QY 102 ValArgLeuSerIysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
DB 519 GTCCGCTCTCCAGACCACTGCACTGAGGCTGAGCTGGCCACAGGGAACCTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnTrpAlaCysArgGlnMet 141
DB 579 TTCCTGCTGCTTTCGACCACTTCAAGAACTCTGCTGAGACAGCTGTAGGCAAGT 638
QY 142 GlyTyrSerSerIysProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp 161
DB 639 GGCTACAGC-----AGACCTGTGAGATTGGCCCAAGACAGATCTGGAT 683
QY 162 ValValGlnIleThrGlnAsnSerGlnGlnLeuArgMetArgAsnSerSerGlyProCys 181
DB 684 GTTGTGAATCAAGAAACAGCCAGAGCTTGCATCGGAACTCAAGTGGGCTCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuIleCysLeuAlaCysGlyLysSerLeuIleThrPro 201
DB 744 CTCTCAGGCTCCCTGCTCTCCCTGCACTGCTGCTGCTGAGGAAAGCTCAAGACCCCC 803
QY 202 ArgValValGlyGlyGlnGlnAlaSerValAspSerTrpProTrpGlnValSerIleGln 221

Db 804 CGTGTGTGGGTGGGAGAGAGGCGCTCTGTGATTCTTGCGCTTGAGGTCAGATCCAG 863
QY 222 TTTAspIysglnhlsvalCyeglygylserlleuaspProhistrpValleuthrala 241
Db 864 TACGACAAAGACGCTGTGTGAGGAGCATCTCGACCCCACTGGGCTCTCAGCGCA 923
QY 242 ALAhIsCySphearglyshIstrAspValPheAsnTrpIysValargIagIysSerAsp 261
Db 924 GCCACAGCTTCAGAGAAACATACCGATGTTCATCTGAGAGGTGCGGCGAGGCTCAGAC 983
QY 262 LysLeuGIYSerPheProSerleuAlaValAlaIysIlelleIleGIuPheAsnPro 281
Db 984 AAACGTGGGCACTTCCTCCATCCCTGGCTGTGGCCAGATCATCATCTGAATTCAACCCC 1043
QY 282 MetTyrProIysAspAsnAspIleAlaIeuMetIysLeuGIuPheProleuthrPheSer 301
Db 1044 ATGTACCCCAAGACATGACATGCGCTCATGAAAGCTGCAAGTCCCACTCTTCTCA 1103
QY 302 GIYThrValArgProIleCyseuProPheAspGIuGIuIeuThrProAlaThrPro 321
Db 1104 GGCACAGTCAGGCGCATCTGTCTGCGCTCTTGATGAGAGACTCATCTCCAGCCCA 1163
QY 322 LeuTrpIlelleGIYThrProIysPheThrIysglnAsnGIYGIYIysMetSerAspIleu 341
Db 1164 CTCTGATCATGTGATGGGCTTTACGAAAGCAATGGAGATGTGTGACATCACTG 1223
QY 342 LeuGIuAlaSerValGIuValIleAspSerThrArgCyAsnAlaAspAspAlaThrPro 361
Db 1224 CTGCAGGCGCTCAGTCCAGGTCATTTGACAGCACCGGTGCATGACAGAGGCGTACAG 1283
QY 362 GIYGIuValIleThrGIuIysMetCyseuAlaGIYIleProGIuGIYGIYValAspThrCyS 381
Db 1284 GGGAGAGTCACGGAAGATGATGTGTGAGGCACTCCGAAAGGGGGGTGTGACACCTGC 1343
QY 382 GlnGIYAspSerGIYGIYProIeuMetIyrGlnSerAspGIuIleThrValIleGIYIle 401
Db 1344 CAGGCTGACAGTGTGGGCGCTGTGATGACCATGTGACAGTGTGACAGTGTGGGATC 1403
QY 402 ValSerTrpGIYIyrGIYCyseGIYGIYProSerThrProGIYValIyrThrIysValSer 421
Db 1404 GTTACGTGGGCTATGGCTGTGGGCGGCGGAGCACCCAGAGATATACACCAAGTCTCA 1463
QY 422 ALaTrIeuAsnTrpIleIyrAsnValIleTrpIysAlaGIuIeu 435
Db 1464 GCCTATCTCACTGATCTACAAATGTCTGAAAGGCTGAGCTG 1505
RESULT 147
US-10-063-517-111
; Sequence 111, Application US/10063517
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Macanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P323081C1
; CURRENT APPLICATION NUMBER: US/10/063,517
; Prior Application removed - See file wrapper or Paim
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-517-111
Alignment Scores:

Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
De: 40 Gaps: 1
US-10-803-530-2 (1-435) x US-10-063-517-111 (1-2063)
QY 2 AspProAspSerAspGIuPheAsnSerIleuAspValIysPheProleuArgIysProArg 21
Db 219 GATCTGACAGTATCAACCTTGAAAGCGCTCGATGTCAAACTCTGGCGCAACCCCGT 278
QY 22 IleProMetGIuThrPheArgIysValGIYIleProIlelleIleAlaIeuSerIleu 41
Db 279 ATCCCATGAGACCTTCAGAAAGGTGGGATCCCATATCATATACACTGACCTGAGCTG 338
QY 42 ALAsertllelleValValIleuIleIysValIleIeuAspIysTrpTyrPheIeu 61
Db 339 GCGAGTATCATCTGTGTGTCTCATCAAGTGAATCTGGATPAAATACTTCTCTC 398
QY 62 CyegIYIuPheAsnIlePheIleProArgIysGIuIeuCyAspGIYGIuIeuAspCyS 81
Db 399 TGGGCGAGCTCTCATCTTCATCCGAGAAAGCAAGTGTGTGACGAGAGGCTGAGCTGT 458
QY 82 ProIeuGIYGIuAspGIuIleIysValIysSerPheProGIuGIYProAlaValAla 101
Db 459 CCTTGGGGAGGACGAGAGGACATCTGTCAAGAGCTTCCGAAAGGGGCTGCACTGGCA 518
QY 102 ValArgIeuSerIysAspArgSerThrIeuGIuValIeuAspSerAlaThrGIYAsnTrp 121
Db 519 GTTCGCTCTCCAAAGACCATTCACATGCAAGGCTGTGTGACGAGAGGCTGAGCACTGG 578
QY 122 PheSerAlaCyPheAspAsnPheThrGIuAlaIeuAlaGIuThrAlaCyAspGIuMet 141
Db 579 TTCTGTGCTGTGTGACAACTTCACAGAGCTCTCGTGAAGACCTGTGTAGGCGATG 638
QY 142 GIYTrSerSerIysPheProThrPheArgAlaValGIuIleGIYProAspGIuAspIeuAsp 161
Db 639 GGCCTAGAGC-----AGAGCTGTGAGATTTGGCCCGACAGCAAGATCTGGAT 683
QY 162 ValIaGIuIleThrGIuAsnSerGIuIeuIeuArgMetArgAsnSerSerGIYProCyS 181
Db 684 GTTGTGTAATACAGAAACAGCCAGAGGCTTGCACGAGAACTCAAGTGGGCGCTGT 743
QY 182 LeuSerGIYSerIeuValSerIeuIleCyseuAlaCyseGIYIysSerIeuIysThrPro 201
Db 744 CTCTCAGGCTCCCTGTGTCTCCCTGCATGTCTTGCTGTGGAGAGAGCTGTAAAGACCTCC 803
QY 202 ArgValIaGIYGIYGIuGIuAlaSerValAspSerTrpOTRGIuValSerIleGIu 221
Db 804 CGTGTGTGGGTGGGAGAGGCGCTGTGTGATTTCTGGGCTTGGCGAGGTCAAGCATCAG 863
QY 222 TTTAspIysglnhlsvalCyeglygylserlleuaspProhistrpValleuthrala 241
Db 864 TACGACAAAGACGCTGTGTGAGGAGCATCTTGACCCCACTGGGCTCTCAGCGCA 923
QY 242 ALAhIsCySphearglyshIstrAspValPheAsnTrpIysValargIagIysSerAsp 261
Db 924 GCCACAGCTTCAGAGAAACATACCGATGTTCATCTGAGAGGTGCGGCGAGGCTCAGAC 983
QY 262 LysLeuGIYSerPheProSerleuAlaValAlaIysIlelleIleGIuPheAsnPro 281
Db 984 AAACGTGGGCACTTCCTCCATCCCTGGCTGTGGCCAGATCATCATCTGAATTCAACCCC 1043
QY 282 MetTyrProIysAspAsnAspIleAlaIeuMetIysLeuGIuPheProleuthrPheSer 301
Db 1044 ATGTACCCCAAGACATGACATGCGCTCATGAAAGCTGCAAGTCCCACTCTTCTCA 1103
QY 302 GIYThrValArgProIleCyseuProPheAspGIuGIuIeuThrProAlaThrPro 321
Db 1104 GGCACAGTCAGGCGCATCTGTCTGCGCTCTTGATGAGAGACTCATCTCCAGCCCA 1163

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QY 322 LeuTrpIleIleGlyTrpGlyPheThrIleGlnGlyIleMetSerAspIleLeu 341
DB 1164 CTCTGATCATTTGATGGGGCTTTTACAGACGAATGAGGAGATCTCTGACATACG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
DB 1224 CTGACAGGCTCAGCTCAGGTCAATTCAGACACACGGTCAATGACAGATGCGTACAG 1283
QY 362 GlyIleValIleThrGlyMetMetCysAlaGlyIleProGlnGlyIleValAspThrCys 381
DB 1284 GGGGAGATCAGCAGAGATGATGTGTACAGCATCCGGAAGGGGTGTGACACCTGTC 1343
QY 382 GlnGlyAspSerGlyIleProleuMetTyrGlnSerAspGlnTyrPheValIleGlyIle 401
DB 1344 CAGGCTGACAGGTGGGCCCCCTGATGTACCAATTCGACATGGCATGTGTGGGCAATC 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyIleProSerThrProGlyValIleTyrThrIleValSer 421
DB 1404 GTTAGCTGGGGCTTAGGCTGGGGGGCCGAGCACCCAGAGATTAACCAAGGTCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValIleTyrIleValIleGln 435
DB 1464 GCCTATCTCAACTGGATCTACATGTCTGAAAGCTGAGCTG 1505

RESULT 148
US-10-063-518-111
; Sequence 111, Application US/10063518
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey J.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P1230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,518
; PRIORITY FILING DATE: 2002-05-01
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-518-111

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 5
Query Match: 98.10% Indels: 5
Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-518-111 (1-2063)
QY 2 AppProAspSerAspGlnProleuAsnSerLeuAspValIleProleuArgIleProArg 21
DB 219 GATTCCTGACAGTCAACCTCTGAAACACCTGAGTCAAAACCCCTGCGCAAAACCCCGT 278
QY 22 rleProMetGluThrPheArgIleValIleProIleIleIleAlaLeuSerLeu 41
DB 279 ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCATACATCACTGAGCCG 338
QY 42 AlaSerIleIleIleValIleValIleIleValIleValIleLeuAspIleTyrIleLeu 61
DB 339 GCGAGTATCATCATGTGTGTGCTTCATCAAGGTATTCGTGATTAATCACTTCCTTC 398
QY 62 CysGlyGlnProleuHisPheIleProArgIleGlyGlnLeuCysAspGlyGlnLeuAspCys 81

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DB 399 TGCCGGCAGCCTCTCCACTTCATCCAGAGAACGCTGTGTGACGAGACCTGACTGT 458
QY 82 ProleuGlyGlnAspGlnGlnIleCysValIleSerPheProGlnGlyProAlaValAla 101
DB 459 CCTTGGGGAGAGAGAGACCTGTGTCAAGCTTCCCGAAGGGCTGAGTGGCA 518
QY 102 ValArgLeuSerIleAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
DB 519 GTCCGCTCTCCAGAGACCATTCACACTGACAGGTGTGACTGGCCACAGGAACTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCysArgGlnMet 141
DB 579 TTCTCTGCTGTTCGACCACTTCACAGAGCTCTGTGTGAGACGCTGTAGGACAGTGG 638
QY 142 GlyIleSerSerIleProThrPheArgAlaValIleGlyProAspGlnAspLeuAsp 161
DB 639 GGGTACAGC-----AGAGCTGTGAGATTGGCCAGACAGAGACTTGAT 683
QY 162 ValValGlnIleThrGlnAsnSerGlnIleuArgMetArgAsnSerSerGlyProCys 181
DB 684 GTTGTGAAATCAGAGAAACAGCCAGAGACTTGCGANTGGGAACTCAAGTGGGCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIleSerLeuIleThrPro 201
DB 744 CTCTCAGGCTCCCTGTGTCTCCCTGCACTGTCTGTGTGGAGAGAGCTTGAAGACCCCC 803
QY 202 ArgValValGlyIleGlnIleValIleAspSerTrpProTrpGlnValIleSerIleGln 221
DB 804 CGTGTGGGTGGGAGAGAGAGCTGTGTGATTTTGTGCTGTGACAGTACAGATCCAG 863
QY 222 TyrAspIleGlnIleValIleCysGlyIleSerIleLeuAspProHisTrpValIleThrAla 241
DB 864 TACGACAAACAGACGCTGTGTGAGAGAGCATTCGAGCCCACTGGGTCTCTCAAGGCA 923
QY 242 AlaHisCysPheArgIleHisThrAspValIleAsnTrpIleValIleArgAlaGlySerAsp 261
DB 924 GCCCACTGCTTCAGGAAACATACCGATGTGTCACTGGAAGTGGCGGGAGGCTCAAGC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaValIleIleIleGlnPheAsnPro 281
DB 984 AAACCTGGGACGCTTCCATCCCTGTGTGTGGCAAGATCATCATTAATTCAAACCC 1043
QY 282 MetTyrProIleAspAspAspIleAlaLeuMetCysLeuGlnPheProleuThrPheSer 301
DB 1044 ATGTACCCCAAGACATGACATGCGCTCATGAGCTGAGTTCCTCACTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPheAspGlnGlnLeuThrProAlaThrPro 321
DB 1104 GGCACAGTCAAGCCCATGTGTGCTGCTCTTCTTGTATGAGAGCTCACTCCAGCCACCCA 1163
QY 322 LeuTrpIleIleGlyTyrGlyPheThrIleGlnGlyIleMetSerAspIleLeu 341
DB 1164 CTCTGATCATTTGATGGGGCTTTTACAGACGAATGAGGAGATCTCTGACATACG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
DB 1224 CTGACAGGCTCAGCTCAGGTCAATTCAGACACACGGTCAATGACAGATGCGTACAG 1283
QY 362 GlyIleValIleThrGlyMetMetCysAlaGlyIleProGlnGlyIleValAspThrCys 381
DB 1284 GGGGAGATCAGCAGAGATGATGTGTACAGCATCCGGAAGGGGTGTGACACCTGTC 1343
QY 382 GlnGlyAspSerGlyIleProleuMetTyrGlnSerAspGlnTyrPheValIleGlyIle 401
DB 1344 CAGGCTGACAGGTGGGCCCCCTGATGTACCAATTCGACATGGCATGTGTGGGCAATC 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyIleProSerThrProGlyValIleTyrThrIleValSer 421
DB 1404 GTTAGCTGGGGCTTAGGCTGGGGGGCCGAGCACCCAGAGATTAACCAAGGTCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValIleTyrIleValIleGln 435

```



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; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-520-111

Alignment Scores:
Pred. No.: 0          Length: 2063
Score: 2297.50       Matches: 429
Percent Similarity: 98.85%  Conservative: 0
Best Local Similarity: 98.85%  Mismatches: 0
Query Match: 98.10%  Indels: 5
DB: 40          Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-520-111 (1-2063)
QY 2 AAPPProApsSerApsGlnProLeuAmsSerLeuApsValVysProLeuAryLysProAry 21
DB 219 GATCCTGACAGTGAATCAACCTCTGAAACAGCCTCGATGCAAAACCCCTGCGAAACCCCGT 278
QY 22 TLeProMetGluThrPheAryGlyValGlyLeProIleIleIleAlaLeuLeuSerLeu 41
DB 279 ATCCCAATGAGACCTTCAGAAAGGTGGGATCCCATCATCATAGCACTAGAGCTG 338
QY 42 AlAserIleIleIleValValLeuIleValLeuValIleLeuApsLysTyrTyrPheLeu 61
DB 339 GCGAGTATCATCATATGTGTGTCTCATCAAGGATTCGAGTAAATACCTTCTTC 398
QY 62 CysGlyGlnProLeuAmsPheIleProAryGlyGlnLeuCyAspGlyGlyLeuApsCys 81
DB 399 TCGCGGAGCCTCTCCACTTATCCGAGAAAGCAGCTGTGACGAGAGCTGACTGT 458
QY 82 ProLeuGlyGlnApsGlyGlnIleCysValLysSerPheProGlyProAlaValAla 101
DB 459 CCTTGGGGAGAGACGAGACAGCTGTGCAAGACTTCCCGAAGGCGCTGCACTGCGCA 518
QY 102 ValAglLeuSerLysApsArySerThrLeuGlnValLeuApsSerAlaThrGlyAmsTrp 121
DB 519 GTCCGCTCTCCAAAGACCAATCCACCTGAGGTGCTGAGTCCGCCACAGGAGACTGG 578
QY 122 PheSerAlaCysPheApsAmsPheThrGlnAlaLeuAlaGluThrAlaCysAryGlnMet 141
DB 579 TTCTCTGCTGTTTGAACAATCTTCAGAAAGCTTCGCTGAGACAGCCTGTATGAGAGATG 638
QY 142 GlyTyrSerSerLysProThrPheAryAlaValGlnIleGlyProApsGlnApsLeuAps 161
DB 639 GAGCTAGACG-----AGAGCTGTGAGATTTGGCCGACAGACAGATCTGAT 683
QY 162 ValValGlnIleThrGlnAmsSerGlnIleAryGlyMetAryAmsSerSerGlyProCys 181
DB 684 GTTGTGTAATTCAGAAACAGCAAGAGCTTCGATGCGAGGAGACTCAAGTGGGCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuAmsCysLeuAlaCysGlyLysSerLeuLysThrPro 201
DB 744 CTCTCAAGGCTCCCTGCTCTCCCTGCACTGTCTTGCTGTGGGAAAGCTGAAAGACCC 803
QY 202 ArgValValGlyGlyGlnIleValAserValApsSerTrpProTrpGlnValSerIleGln 221
DB 804 CGTGTGTGTGGGTGGGAGAGAGGCTCTGTGATTTCTTGAGCTTGGCAGGTCAAGATCCAG 863
QY 222 TyrApsLysGlnIleValCysGlyGlySerIleLeuApsProHisTrpValLeuThrAla 241
DB 864 TACGACAAACAGACGCTGTGTGAGGAGACATCTGAGACCCCACTGAGGTCTCTCAAGGGA 923
QY 242 AlaHisCysPheAryGlySerThrApsValPheAmsTrpLysValAryAlaGlySerAps 261
DB 924 GCCCACTGCTTCAGAAACATACCAATGCTTCACTGAGAGGTGGGCAAGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAmsPro 281
DB 984 AAACAGGAGGAGCTTCCATCTCCCTGCTGTGGCCCAACATCATCATCTTAATTCACCC 1043
QY 282 MetTyrProLysApsAmsApsIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301

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DB 1044 ATGATCCCAAGACATGACATGACCTCATGAAAGCTGAGTCCACTCATCTTCTCA 1103
QY 302 GlyThrValAryProIleCysLeuProPhePheApsGlyGlnLeuThrProAlaThrPro 321
DB 1104 GGCACAGTCAAGGCCCATCTGTCTGCTCTTTGATATAGAGACTCATCCAGCAACCCCA 1163
QY 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAmsGlyGlyLysMetSerApsIleLeu 341
DB 1164 CTCTGATCATTTGGAATGGGCTTTTACAGACAAATGAGAGGAAAGATGTGATCATACTG 1223
QY 342 LeuGlnAlaSerValGlnValIleApsSerThrAryCysAmsAlaApsApsAlaTyrGln 361
DB 1224 CTGCAAGGCTCAAGTCCAGTCAATGACACACAGGTCATGACAGAGTACAGAGCTACAG 1283
QY 362 GlyValValThrGlyLysMetMetCysAlaGlyIleProGlyGlyValApsThrCys 381
DB 1284 GGGGAACTCACCGAAAGATATGTGTGCAAGCATCCCGAAGGGGTGTGACACTGC 1343
QY 382 GlnGlyApsSerGlyGlyProLeuMetTyrGlnSerApsGlnTrpHisValValGlyTle 401
DB 1344 CAGGCTGACAGTGTGGGCTTGAATGATCAATCTGACAGTGTGATGTGGGACTC 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
DB 1404 GTTAGCTGGGCTATGCTGTGGGCGGCGCGAGCACCCAGAGATATACCAAGGTCTCA 1463
QY 422 AlaTyrLeuAmsTrpIleTyrAmsValTrpLysAlaGlnLeu 435
DB 1464 GCCTATCTCAACTGATCTCAATGTCTGAAAGGCTAGCTG 1505

```

RESULT 151

US-10-063-521-111
Sequence 111, Application US/10063521

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; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Macanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1
; CURRENT FILING DATE: 2002-05-01
; Prior Application removed - See file wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-521-111

```

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

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US-10-803-530-2 (1-435) x US-10-063-521-111 (1-2063)
QY 2 AAPPProApsSerApsGlnProLeuAmsSerLeuApsValVysProLeuAryLysProAry 21
DB 219 GATCCTGACAGTGAATCAACCTCTGAAACAGCCTCGATGCAAAACCCCTGCGAAACCCCGT 278
QY 22 TLeProMetGluThrPheAryGlyValGlyLeProIleIleIleAlaLeuLeuSerLeu 41

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Db      924 GCCCACTGCTTCAGAAACATACCGATGTTCACTGGAAAGTGGGGCAGGCTCAGAC 983
QY      262 LVSLSEGLYSERPHROSERLEUWLAVALALALYSILLEILEILEGLINPHEANPRO 281
Db      984 AATCTGGGAGCTTCCCATCCCTGGCTGGCCAAAGATCATCATGAAATTCAACCCC 1043
QY      282 MCTYRPLYASAPASAPASAPILLEALALUMETLYSLEUGINPHEPROLEUTHRPHESER 301
Db      1044 AATGTAACCCCAAGACATGATCATTCGCCCTCATGAAAGTCTGATTCCTCACTTCTCA 1103
QY      302 GLYTHRVALARPROILECYSELEUPROPHESAPGUGULLEUTHRPROALATHRPRO 321
Db      1104 GGCACAGTCAAGGCCCATCTGCTGCCCTTCTTGATGAGAGCTCATCTCCAGCCACCCCA 1163
QY      322 LEUTRPIELLEGLYTRPGLYPHERTHRYSGINAMNGLYLYLMESETHRSPILLEU 341
Db      1164 CTCTGGATCATTTGGATGGGGCTTTTACAGACAGAAATGAGGGAGAAATGCTTGACACTG 1223
QY      342 LEUGINALASERVALGINVALIILEASPERTHRARAGCYASAPALASAPAPALATYRGIN 361
Db      1224 CTGCAGGGGCTCAGTCAGGTCATTCAGACACACGGTGCAATGACAGATGCGTACAG 1283
QY      362 GLYGLVALLETHGLINLYMESETHRYSEVALAGLYILEPROGLUGLYLYVALASPTHR 381
Db      1284 GGGGAAGTCAACCGAAGAGTGAATGTGTGAGGAGCATCCGGAAGGGGGTGTGAGACCTGC 1343
QY      382 GINGLYASPERTGYLYPROLEUMETRYGINSETHRSPGINTPRHIEVALVALAGLYILE 401
Db      1344 CAGGGTGAAGTGTGGGGCCCTGATGTACAAATCTGACAGTGGCAATGTGTGGGCACTC 1403
QY      402 VALSERTRPGLYTRPGLYCYAGLYLYPROSETHRPROGLYVALTYRTHRYSEVALSER 421
Db      1404 GTTAGCTGGGCTAGTGGCTGGGGGGCCGAGCACCCAGAGATATACCAAGTCTCA 1463
QY      422 ALATYRLEUASANTPRILETYRASNVALTRPLYSALAGILEU 435
Db      1464 GCCTATCTCACTGATCTTAATGTCTGAAAGGCTGAGCTG 1505

RESULT 154
US-10-063-525-111
; Sequence 111, Application US/10063525
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gettlesen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OR INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P323081C1
; CURRENT APPLICATION NUMBER: US/10/063,525
; PRIORITY FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-525-111

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 5
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-525-111 (1-2063)

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```

Oy 362 G1yGluValThrGluYmeMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db 1284 GGGGAAGTCAACGAGAGATATGTGTCAAGCATCCCGAAGGGGTGTGACACTTC 1343
Oy 382 G1ng1yAaspSerGlyGlyProLeuMetTyrGlnSerAaspGlnTrpHisValaGlyIle 401
Db 1344 CAGGTGACAGTGTGGGCCCCCTGATGACCAATCTGACAGTGGCATGTGTGGGCATC 1403
Oy 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValaTyrThrLysValSer 421
Db 1404 GTTAGCTGGGGCTATGTGCTGGGGGCCCGAGCACCCGAGATATACACCAAGGTCTCA 1463
Oy 422 AlaTyrLeuAenTrpIleTyrAaspValTrpLysAlaGluLeu 435
Db 1464 GCCTATCTCAACTGAGATTAACAATGTTCTGAAAGGCTGAGCTG 1505

RESULT 155
US-10-063-526-111
; Sequence 111, Application US/10063526
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddard, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gutney, Austin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,526
; PRIOR FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-526-111

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-526-111 (1-2063)
Oy 2 AaspProAaspSerAaspGlnProLeuAenSerLeuAaspValaLysProLeuAenTrpProArg 21
Db 219 GATCTGACAGTGAATCAACCTCTGAACAGCTCGATGTCACACCCCTGGCGCAACCCCT 278
Oy 22 IleProMetGluThrPheArgGlyValaGlyIleProIleIleIleAlaLeuAenSerLeu 41
Db 279 ATCCCAATGAGACCTTGAGAAAGGTGGGATCCCATCATCATGACACTACTGAGCGCTG 338
Oy 42 AlaSerIleIleIleValaValaValaLeuIleLysValaIleLeuAenLysTyrTyrPheLeu 61
Db 429 GCGATATCATCATATGTGTGTCTCTCATCAAGGATGATCTGATTAATAATCACTTCTTC 398
Oy 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAaspGlyGluLeuAenCys 81
Db 399 TGGCGGCAAGCTCTCTCACTTCATCCCGAGGAAGCACTGTGTGACGAGAGCTGACTGT 458
Oy 82 ProLeuGlyGluAaspGluGluHisCysValaLysSerPheProGluGlyProAlaValaLys 101
Db 459 CCTTGGGGAGAGACGAGAGCACTGTGTCAAGAGCTTCCCGAAGGGCTGCGAGTGCGCA 518
Oy 102 ValaGluSerLysAaspArgSerThrLeuGlnValaLeuAenSerAlaThrGlyAenTrp 121

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Db 519 GTCCGCTCTCAAGAGACCCATCACTGACAGGTGTGAGCTGGCCACAGGAACTGG 578
Oy 122 PheSerAlaCysPheAaspAenPheThrGluAlaLeuAlaGlyIleThrAlaCysArgGlnMet 141
Db 579 TTCTCTGCTGTTCGACAACTTTCACAGAGCTCTGCTGAGACAGCTGTAGGAGATG 638
Oy 142 G1TyrSerSerLysProThrPheArgAlaValaGluIleGlyProAaspGlnAaspLeuAen 161
Db 639 GGTACACG-----AGAGCTGTGAGATGAGTCCAGACAGAGATCTGGAT 683
Oy 162 ValaValaGluIleThrGluAenSerGlnGluLeuArgMetArgAenSerGlyProCys 181
Db 684 GTTGTGAATATCAGAAAACAGCAGGAGCTTGCAATCCGAACTCAAGTGGGCTCTGT 743
Oy 182 LeuSerGlySerLeuValSerLeuHisCysValaLeuAenCysGlyLysSerLeuLysThrPro 201
Db 744 CTCTCAGGCTCCCTGCTCTCTGCTGACATGTTCTGTGTGGAAAGAGCTTAAGACCCCC 803
Oy 202 ArgValaValaGlyGluGluAlaSerValaAaspSerTrpProTrpGlnValSerIleGln 221
Db 804 CTGTGTGGGTGGGAGAGAGGCTCTGTGATTTCTTGCTTGGCAGTCAAGATCCAG 863
Oy 222 TyrAaspLysGlnHisValaCysGlyGlySerIleLeuAenProHisTrpValaLeuThrAla 241
Db 864 TACGCAAAACAGCAGCTGTGAGAGGAGCATCTGAGACCCCACTGGGCTCTCAGCGCA 923
Oy 242 AlaHisCysPheAenGlyHisThrAaspValaPheAenTrpLysValaArgAlaGlySerAen 261
Db 924 GCCACCTGCTTCAGGAAACATACGATGTGTTCACCTGGAAGGTGCGGGAGGCTCAAC 983
Oy 262 LysLeuGlySerPheProSerLeuAlaValaLysIleIleIleGluPheAenPro 281
Db 984 AAACGGGACGCTTCCATCCCTGCTGTGGCCAGATCATCATTAATTCACCCC 1043
Oy 282 MetTyrProLysAaspAenAaspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGAACATGATGATGCTCATGAAGCTGAGCTTCCACTCATCTTCTCA 1103
Oy 302 GlyThrValaArgProIleCysLeuProPheAenArgGluLeuThrProAlaThrPro 321
Db 1104 GGCACAGTCAGGCCCATGTGTGCTGCTTGTGATGAGAGCTCATCCAGCCCA 1163
Oy 322 LeuTrpIleIleGlyTyrGlyPheThrLysGlnAenGlyLysMetSerAaspIleLeu 341
Db 1164 CTGTGATCATGTGATGGGCTTTTACGAGCAAGATGAGAGGAGATGCTGACATACCTG 1223
Oy 342 LeuGlnAlaSerValaGlnValaIleAaspSerThrArgCysAenAlaAaspAaspAlaTyrGln 361
Db 1224 CTGCAAGGCTCAAGTCCAGTCAATTCACAGCACAGCTGCATGACAGATGCGTACAG 1283
Oy 362 GlyGluValaThrGluYmeMetCysAlaGlyIleProGluGlyGlyValaAspThrCys 381
Db 1284 GGGGAAGTCAACGAGAGATATGTGTCAAGCATCCCGAAGGGGTGTGACACTTC 1343
Oy 382 G1ng1yAaspSerGlyGlyProLeuMetTyrGlnSerAaspGlnTrpHisValaGlyIle 401
Db 1344 CAGGTGACAGTGTGGGCCCCCTGATGACCAATCTGACAGTGGCATGTGTGGGCATC 1403
Oy 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValaTyrThrLysValSer 421
Db 1404 GTTAGCTGGGCTATGTGCTGGGGGCCCGAGCACCCGAGATATACACCAAGGTCTCA 1463
Oy 422 AlaTyrLeuAenTrpIleTyrAaspValTrpLysAlaGluLeu 435
Db 1464 GCCTATCTCAACTGAGATTAACAATGTTCTGAAAGGCTGAGCTG 1505

RESULT 156
US-10-063-527-111
; Sequence 111, Application US/10063527
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen

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; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,527
; PRIOR FILING DATE: 2002-05-02
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-527-111

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-527-111 (1-2063)

QY 2 AspProApsSerApsGlnProLeuAmsSerLeuApsValIysProLeuArgIysProArg 21
DB GATCCTGACAGTGTCAACTCTGAAACAGCTCGATGTCMAACCCCTGCGAAGCCCGT 278
QY 22 IleProMetGluThrPheArgIysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
DB ATCCCAATGAGACCTTCAGAAAGGTGGAGATCCCAATCATCATAGACACTAGAGCCTG 338
QY 42 AlaSerIleIleIleValIleValIleValIleValIleValIleValIleValIleValIle 61
DB 339 GCGAGTATCATCATGTTGTGTCTCATCAAGGTGATTTCTGGATTAATCTACTTCTTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgIysGlnLeuCysApsGlyGlnLeuApsCys 81
DB 399 TGCAGGAGCCTCTCCACTTCATCCCGAGAGACAGCTGTGTGACGAGAGCTGACTGT 458
QY 82 ProLeuGlyGlnApsGlnGlnHisCysValIysSerPheProGlnGlnProAlaValAla 101
DB 459 CCTTGGGGGAGAGAGAGACCTGTGTCAAGAGCTTCCCGAAGGAGCTGAGTGGCA 518
QY 102 ValArgLeuSerIysApsArgSerThrLeuGlnValIleApsSerAlaThrGlyApsTrp 121
DB 519 GTCCGCTCTCCAGAGAGCCATCCACATCGAGGTGCTGAGCTGGCCACAGGAACTGG 578
QY 122 PheSerIleCysPheApsApsPheThrGlnAlaLeuAlaGlnThrAlaCysArgGlnMet 141
DB 579 TTCTCTCTCCGTTCGACAACTTCACAGAGCTCTCCCTGAGACAGCTGTAGGCAATG 638
QY 142 GlTyIserSerIysProThrPheArgAlaValGlnIleGlyProApsGlnApsLeuAps 161
DB 639 GGCCTACAGC-----AGAGCTGTGAGATGTGGCCACAGCCAGAGTCTGGAT 663
QY 162 ValValGlnIleThrGlnAmsSerGlnIleLeuArgMetArgAmsSerSerGlyProCys 181
DB 684 GTTGTGAAATCAGAGAAACAGCCAGAGAGTTCGATCGGAGAACTCAAGTGGCCCTGT 743
QY 182 LeuSerIleSerLeuValSerLeuHisCysLeuAlaCysGlyIysSerLeuValThrPro 201
DB 744 CTCTCAAGGCTCCCTGCTCCCTGCACTGTCTTCTGCTGTGGAGAGAGAGAGAGAGAGAG 803
QY 202 ArgValValGlyGlnGlnAlaSerValApsSerTrpProTrpGlnValSerIleGln 221
DB 804 CGTGTGTGTGTGGAGAGAGAGAGCTCTGTGTGATTTCTTGGCTTGGAGGTGAGATTCAG 863
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QY 222 TyrApsIysGlnHisValCysGlyGlySerIleLeuApsProHisTrpValIleuThrAla 241
DB 864 TACGACAAACAGACAGCTCTGTGAGAGGAGCATCTGGACCCCACTGGGTCTTCACAGGCA 923
QY 242 AlaHisCysPheArgIysHisThrApsValPheApsTrpIysValArgAlaGlySerAps 261
DB 924 GCCACCTGCTTCAGAGAAACATACCATGTGTTCACCTGAGAGGTGGCGAGGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaIysIleIleIleIleGlnPheApsPro 281
DB 984 AAATGGGAGCTTCCATCCCTGCTGTGGCCAAAGTATCATCATTTGATTCACACCCC 1043
QY 282 MetTyProIysApsApsApsIleAlaLeuMetIysLeuGlnPheProLeuThrPheSer 301
DB 1044 ATGTACCCCAAAACATGACATGCGCCCATATAGCTGAGATGCCACTTCATCTTCTCA 1103
QY 302 GlYThrValArgProIleCysLeuProPheApsGlnGlnLeuThrProAlaThrPro 321
DB 1104 GGCACAGTCAAGGCCCATCTGTCTGCTCTTCTTGTATGAGAGCTCATCTCAGCCACCCCA 1163
QY 322 LeuTrpIleIleGlyTrpGlyPheThrIysGlnAmsGlyIysIysMetSerApsIleLeu 341
DB 1164 CTCTGATCATTTGATGGGCTTTTACAGAGACAGATGAGAGGAGATGTCTGACATATCG 1223
QY 342 LeuGlnAlaSerValGlnValIleApsSerThrArgCysAmsAlaApsApsAlaTyrgln 361
DB 1224 CTGACAGGCTCAAGTCCAGATGATTCATGACACACAGGTGCAATGACACATGCGTACAG 1283
QY 362 GlYIleValThrGlnIysMetMetCysAlaGlyIleProGlnGlnIysValApsThrCys 381
DB 1284 GGGAGAGTACCGAGAAATGATGTGTGACAGATCCCGAAGGGGTGTGACACTTCG 1343
QY 382 GlnGlyApsSerGlyGlyProLeuMetTyrglnSerApsGlnTrpHisValValGlyIle 401
DB 1344 CAGGTGACAGTGTGTGGGCTTCGATGATGACATCATGACACAGTGCATGTGGTGGGCAATC 1403
QY 402 ValSerTrpGlyTyrglyCysGlyGlyProSerThrProGlnValIleThrIysValSer 421
DB 1404 GTTACGTGGGCTATGTGCTGGGAGGCGGAGACCCCGAGAGATATACCAAGGTCTCA 1463
QY 422 AlaTyIleAmsTrpIleTyrsAmsValTrpIysAlaGlnLeu 435
DB 1464 GCCTATCTCAACTGATTCATCAATGTCTGAAAGGCTGAGCTG 1505

RESULT 157
US-10-063-528-111
; SEQUENCE 111, Application US/10063528
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,528
; PRIOR FILING DATE: 2002-05-02
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-528-111

Alignment Scores:
Pred. No.: 0 Length: 2063
```

Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservation: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-528-111 (1-2063)

QY 2 AspProhApsSerApsGlnProLeuApsSerLeuApsVallyPProLeuArygProAry 21
 Db 219 GATCTGACAGTGTATCAACCTCTGAACAGCTTCATGCAAAACCCCTGGCAAAACCCCGT 278
 QY 22 ILeProMeGluThrPheArgLysValGlyLeProIleIleIleAlaLeuLeuSerLeu 41
 Db 279 ATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATAGCATCTAGAGCTG 338
 QY 42 AlaSerIleIleIleValValIleuIleuValIleuApsLysValIleuApsLysValIleu 61
 Db 339 GCGAGTATCATCATGTTGTGTCTCTCATCAAGGTGATTCGATTAATACTACTTCTC 398
 QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysApsGlyGlnLeuApsCys 81
 Db 399 TGGCGGAGCCTCTCACTTCATCCCGAAGAGCAGCTGTGTGACGAGAGCTGAGCTG 458
 QY 82 ProLeuGlyValApsGlyGlnHisCysValLysSerPheProGlyGlyProAlaValAla 101
 Db 459 CCTTGGGGGAGAGCAGAGACAGCTGTCTCAAGCTTCCCGAAGGGCTGAGGTGCA 518
 QY 102 ValAArgLeuSerLysApsArygSerThrLeuGlnValIleuApsSerAlaThrGlyApsTrp 121
 Db 519 GTCCGCTCTCCAGAGACCATTCACATCGAGGTGTGTGAGCTGGCCACAGGAACTCG 578
 QY 122 PheSerAlaCysPheApsApsPheThrGlnAlaLeuAlaGluThrAlaCysArgGlnMet 141
 Db 579 TTCTCTGCTGTTCGACATCTTCACAGAGCTCTCGTGAGACAGCTGTAGGAGCATG 638
 QY 142 GlyTyrSerSerLysProThrPheArgAlaValGlyIleGlyProApsGlnApsLeuAps 161
 Db 639 GAGTACAGC-----AGACCTGTGAGATTGGCCAGACAGCATCTGTGAT 683
 QY 162 ValValGluIleThrGlnApsSerGlnGlnLeuApsMetArygApsSerGlyProCys 181
 Db 684 GTTGTGAAATCAAGAAACAGCAGAGCTTCGACATGCGGAATCAAGTGGAGCTGT 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
 Db 744 CTCTCAGGCTCCTGCTCTCTCTCTGCACTGTCTGTGGGAAAGAGCTGAAGACCCC 803
 QY 202 ArgValValGlyGlyGlnGlnAlaSerValApsSerTrpProGlnValSerIleGln 221
 Db 804 CCGTGTGTGGGTGGGAGAGAGCCCTGTGTGATTTCTGGCCCTTGGCAGGTGAGATCCAG 863
 QY 222 TyrApsLysGlnHisValCysGlyGlySerIleLeuApsProHisTrpValIleuThrAla 241
 Db 864 TACGACAAACAGCAGCTGTGTGAGGAGCATCTCGACCCCATCGGTCTCTCCACGCGA 923
 QY 242 AlaHisCysPheArygLysHisThrApsValPheApsTrpValAryAlaGlySerAps 261
 Db 924 GCCCATCTGCTCAGAAACATACCGATGTGTTCATCTGAAAGGTGCGGGCAGAGCTCAGAC 983
 QY 262 LysLeuGlyLysSerPheProSerLeuAlaValAlaLysIleIleIleGluPheApsPro 281
 Db 984 AACTGGGAGAGCTTCCATCTCTGGCTGTGGCCAGATCATCATCATGATTCACACCC 1043
 QY 282 MetTyrProLysApsApsApsIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 Db 1044 ATGTACCCCAAGACATGATCATCGCCCTCATGAGAGCTGCAAGTCCCATCTCTTCTCA 1103
 QY 302 GlyThrValAryProIleCysLeuProPhePheApsGlnGluLeuThrProAlaThrPro 321
 Db 1104 GGCACAGTACAGGCCCATCTGTGTCTGCTTGTGATGAGAGACTCATCTCAGCAGACCCCA 1163
 QY 322 LeuTrpIleIleGlyTyrGlyPheThrLysGlnApsGlyGlyLysMetSerApsIleLeu 341

Db 1164 CTCTGATCATCTGATGGGCTTTTACAGACAAATGAGAGAGATGTCTGACATCTG 1223
 QY 342 LeuGlnAlaSerValGlnValIleApsSerThrAryCysApsAlaApsApsAlaTyrGln 361
 Db 1224 CTGACAGGCTCATCTCCAGGCTCATTTGACAGACAGGTGCAATCAGATGAGTACAG 1283
 QY 362 GlyLeuValThrGlnLysMetMetCysAlaGlyIleProGlyGlyValAlaApsThrCys 381
 Db 1284 GGGAGAGTACCCAGAAAGATGATGTGTGAGAGCATCCCGAAGGGGTGTGACACCTGC 1343
 QY 382 GlnGlyApsSerGlyGlyProLeuMetTyrGlnSerApsApsIleTrpHisValGlyIle 401
 Db 1344 CAGGTGACAGTGTGTGGCCCTGATGTACCAATCTGACAGTGTGTGTGGGATC 1403
 QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
 Db 1404 GTTAGCTGGAGCTATGTGCTGGGGGCCAGAGCACCCAGAGTATACACCAAGTCTCA 1463
 QY 422 AlaTyrLeuApsTrpIleTyrApsValTrpLysAlaGluLeu 435
 Db 1464 GCTATCTCAACTGATCTACATGTCTGGAAGCTGAGCTG 1505

RESULT 158

US-10-063-529-111
 Sequence 111, Application US/10063529

GENERAL INFORMATION:

APPLICANT: Eaton, Dan L.
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gerritsen, Mary B.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Watanabe, Colin K.
 APPLICANT: Macanabe, William I.
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P3230R1C1
 CURRENT FILING DATE: 2002-05-02
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 170
 SEQ ID NO 111
 LENGTH: 2063
 TYPE: DNA
 ORGANISM: Homo Sapien
 US-10-063-529-111

Alignment Scores:

Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservation: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-529-111 (1-2063)

QY 2 AspProhApsSerApsGlnProLeuApsSerLeuApsVallyPProLeuArygProAry 21
 Db 219 GATCTGACAGTGTATCAACCTCTGAACAGCTTCATGCAAAACCCCTGGCAAAACCCCGT 278
 QY 22 ILeProMeGluThrPheArgLysValGlyLeProIleIleIleAlaLeuLeuSerLeu 41
 Db 279 ATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATAGCATCTAGAGCTG 338
 QY 42 AlaSerIleIleIleValValIleuIleuValIleuApsLysValIleuApsLysValIleu 61
 Db 339 GCGAGTATCATCATGTTGTGTCTCTCATCAAGGTGATTCGATTAATACTACTTCTC 398
 QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysApsGlyGlnLeuApsCys 81

Db 399 TGCGGGGACGCTCTCCATCTTCATCCCGAGAGACGCTGTGTGACGAGAGCTGACTGT 458
QY 82 ProLeuGlyGluAspGluGluHisCysValIlySerPheProGluGlyProAlaValAla 101
Db 459 CCCTGGGGGAGAGCAGAGAGACACTGTCTCAAGAGCTTCCCGAGAGGCTCTGCACTGGCA 518
QY 102 ValArgLeuSerIlyAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTCCAGAGACCGATCCACATCTGAGGTGCTGAGACTGGCCACAGGGAACTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGlnTrpAlaCysArgGlnMet 141
Db 579 TTCTCTGCTGTCTTCAACAATTCAAGAGCTCTCGTGAGACAGCTGTAGGCAAGTGG 638
QY 142 GlyTyrSerSerIlyProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCCTACAGC-----AGAGCTGTGAGATGTGCGGAGCCAGAGCATCTGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTGAAATCAAGAAACAGAGAGAGCTTGCATCGGAACTCAAGTGGGCTCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIlySerLeuIlySerPro 201
Db 744 CTCTCAGGCTCTCTGCTCTCCCTGCACTGTCTGTGCGTGGAGAGAGCTGAAGACCCCC 803
QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db 804 CGTGTGTGGGTGGAGAGAGAGGCTCTGTGTGATTTCTGGCTTGGCAGGTCAAGCATCCAG 863
QY 222 TyrAspIlySerGlnHisValCysGlyGlySerIleLeuAspProHisTrpValIleuThrAla 241
Db 864 TACGACAAACAGCAGCTGTGTGAGAGAGCATCTTGAGACCCCACTGGGTCTTCAAGGCA 923
QY 242 AlaHisCysPheArgIlySerHisThrAspValPheAsnTrpIlyValArgAlaGlySerAsp 261
Db 924 GCCCAGCTCTCAGAGAAACATACCGATGTGTTCACATGAGAGGTGCGGGCAGGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaIlySerIleIleIleGluPheAsnPro 281
Db 984 AATCTGGAGAGCTTCCATCTCTGCTGTGGCGCAAGATCATCATCATTTGAATTCMAACCCC 1043
QY 282 MetTyrProIlyAspAspAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTAACCCCAAGACATGACATGCTCCCTCATGAACTGCACTTCCCATCTCACTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluLeuThrProAlaThrPro 321
Db 1104 GGCACAGTCAAGGCCATCTGTCTGCTCTTGTGATGAGAGCTCACTCCAGCCACCCCA 1163
QY 322 LeuTrpIleIleGlyTrpGlyPheThrIlyGlnAsnGlyGlyIlySerMetSerAspIleLeu 341
Db 1164 CTCTGGATCATGTGATGGGTGTTTACAGAGAGATGAGAGAGATGTCTGACATCTG 1223
QY 342 LeuGlnIleAspSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGAGAGCGTCACTGACAGTCAATTGACACAGGCTGCAATGACAGATGCTTACAG 1283
QY 362 GlyGluValIlyThrGlyIlySerMetCysAlaGlyIleProGluGlyIlyValAspThrCys 381
Db 1284 GGGGAAATCAACCGAGAGATGATGTGTGAGAGCATCCCGGAGGGGTGTGAGACCTGCG 1343
QY 382 GlnGlyValAspSerGlyIlyProLeuMetTyrGlnSerAspGlnTrpHisValIleGlyIle 401
Db 1344 CAGGGTACAGTGTGGGAGCCCTGATGTACCAATCTCAAGTGTGAGTGTGGGATC 1403
QY 402 ValSerTrpGlyIlyGlyCysGlyIlyProSerThrProGlyValIlyTrpThrIlyValSer 421
Db 1404 GTTAGAGTGGGGCTATGCTGGGGGGCCGAGCAGCCCAAGAGATATCAACAAGTCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpIlyValGlnLeu 435
Db 1464 GCCTATCTCAATGATCTCAATGTCTGAGAGGCTGAGCTG 1505

RESULT 159
US-10-063-530-111
/ Sequence 111, Application US/10063530
/ GENERAL INFORMATION:
/ APPLICANT: Eaton, Dan L.
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Gerliessen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Metanabe, Colin K.
/ APPLICANT: Wood, William I.
/ TITLE OR INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ FILE REFERENCE: P3230R1C1
/ CURRENT APPLICATION NUMBER: US/10/063,530
/ PRIOR APPLICATION removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 170
/ SEQ ID NO 111
/ LENGTH: 2063
/ TYPE: DNA
/ ORGANISM: Homo Sapien
US-10-063-530-111

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-530-111 (1-2063)
QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIlyProLeuArgIlySerProArg 21
Db 219 GATCTGACAGTATACCTTCAAGACAGCTTCGATGAAACCCCTGGCAAAACCCCTGT 278
QY 22 IleProMetGluThrPheArgIlyValGlyIleProIleIleAlaLeuSerLeu 41
Db 279 ATCCCATGAGACCTTCAAGAAAGTGGGAGATCCCATATCATATAGCACTTACAGCTG 338
QY 42 AlaSerIleIleIleValValIleuIleIlyValIleuAspIlySerTyrTrpLeu 61
Db 339 GCGAGTATCATCTTGTGTGCTCATCAAGTGATTTCTGATTAATTAATTACTTCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgIlyGlnLeuCysAspGlyGluLeuAspCys 81
Db 399 TGGGGAGAGCTTCTCACTTCAATCCGAGAGAGAGCTGTGTGACGAGAGAGCTGACTGT 458
QY 82 ProLeuGlyGluAspGluGluHisCysValIlySerPheProGluGlyProAlaValAla 101
Db 459 CCCTTGGGGAGAGACAGAGAGCACTGTCTCAAGAGTTCGCCAGAGGCTCTGAGTGGCA 518
QY 102 ValArgLeuSerIlyAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTCCAGAGACCGATCCACATCTGAGGTGCTGAGACTGGCCACAGGGAACTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGlnTrpAlaCysArgGlnMet 141
Db 579 TTCTCTGCTGTCTTCAACAATTCAAGAGCTCTCGTGAGACAGCTGTAGGCAAGTGG 638
QY 142 GlyTyrSerSerIlyProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCCTACAGC-----AGAGCTGTGAGATGTGCGGAGCCAGAGCATCTGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTGAAATCAAGAAACAGAGAGAGCTTGCATCGGAACTCAAGTGGGCTCTGT 743


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QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlySerLeuSerLeuThrPro 201
DB 744 CTCTCAAGGCTCCCTGGTCTCCCTGCACTGTCTTGGCTTGGAGAGAGCTGAAGACCCCC 803
QY 202 ArgValValGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
DB 804 CGTGGGGTGGGGAGAGAGAGGCTCTGTGATCTTGGCTTGGCAGGTGACATCAG 863
QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisIleTrpValLeuThrAla 241
DB 864 TACGACAAACAGCAGCTGTGTGGAGGAGCATCCCGACCCCACTGGGCTCTCAAGGCA 923
QY 242 AlaHisCysPheAspLysHisIleThrAspValPheAsnTrpValArgAlaGlySerAsp 261
DB 924 GCCCACTGCTTCAGAAACATACCATGTGTTCAACTGGAAGTCCGGGAGGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerIleuAlaValAlaIleIleIleIleGluPheAsnPro 281
DB 984 AAACGGGCGACCTCCATCCCTGGCTGTGGCAGATCATCATATTGAATTCACACCCC 1043
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
DB 1044 ATGTACCCCAAGCAATGACATCCCTCATGAAAGCTGCAGATCCCACTCTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
DB 1104 GGCACAGTCAAGGCCATCTGTCTGCTTCTTTGATGAGAGCTCATCTCCAGCCCA 1163
QY 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
DB 1164 CTCTGATCATTTGATGGGGCTTTACGAAAGCAATGAGGGAGAAATGATCTGACATCTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpGln 361
DB 1224 CTGCAGCGGTGAGTCAAGTCAATGACAGCACACGCTGCATGACAGATCCGTACAG 1283
QY 362 GlyGluValIleThrGluLysMetCysValIleGlyIleProGluGlyValAspThrCys 381
DB 1284 GGGGAGGTCACCGAAGATGATGTGTGAGGAGCATCCGAAAGGGTGTGACACCTGCC 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401
DB 1344 CAGGCTGACAGTGTGGGCTCCCTGATGTACCAATGTGACCACTGTGTGGGATC 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValIleThrLysValSer 421
DB 1404 GTTACTGGGGCTATGGCTGCGGGGCGCCGAGCACCCCAAGATATACCAAGGCTCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValIleTrpLysValGluLeu 435
DB 1464 GCCTATCTCACTGATCTTCAATGTCTGAAAGGCTGAGCTG 1505

```

RESULT 160

US-10-063-532-111

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; Sequence 111, Application US/10063532
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William J.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,532
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111

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; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-532-111

Alignment Scores:
Pred. No.: 0
Score: 2297.50
Percent Similarity: 98.85%
Best Local Similarity: 98.85%
Query Match: 98.10%
DB: 40
Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-532-111 (1-2063)

QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
DB 219 GATCTTCAAGTGTACAACCTTGAACAGCTTCATGTCACAACTCCGCGAAACCCGCT 278
QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuSerLeu 41
DB 279 ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCATAGCACTAGAGCTTG 338
QY 42 AlaSerIleIleIleValValIleuIleLysValIleLeuAspLysTyrTyrPheLeu 61
DB 339 GCGAGTATCATATGTGGTGTGCTCTCATCAAGGTGATTCGAGTAATACTACTCTC 398
QY 62 CysGlyLysProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
DB 399 TGGCGGAGCTCTTCACTTATCCCGAAGAGAGCTGTGTGAGAGAGAGCTGACTGT 458
QY 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
DB 459 CCTTTGGGAGAGAGAGAGACATGTGTCAAGCTTCCCGAAGGCTCGCAGTGGCA 518
QY 102 ValArgLeuSerLysAspArgSerThrIleuGlnValLeuAspSerAlaThrGlyAsnTrp 121
DB 519 GTCCGCTCTCAAGAGCCAGATCCACTGACGGGTGAGCTGGCCACAGGAACTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluTrpAlaCysArgGluMet 141
DB 579 TTCTTGCTGTTCGTAACCTTCAAGAACTCTCGCTGAGACAGCTGTGAGGAGATG 638
QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
DB 639 GACTACAGC-----AGACTGTGAGATTTGGCCAGACAGATTTGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnLeuAspMetArgAsnSerSerGlyProCys 181
DB 684 GTTGTGAATCAGAAACAGACAGGAGCTTGCATGCGGAATCAAGTGGGCTCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
DB 744 CTCTCAAGGCTCCCTGGTCTCCCTGCACTGTCTTGGAGAGAGCTTGAAGACCC 803
QY 202 ArgValValGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
DB 804 CGTGGGGTGGGGAGAGAGGCTCTGTGATCTTGGCTTGGCAGGTGACATCAG 863
QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisIleTrpValLeuThrAla 241
DB 864 TACGACAAACAGCAGCTGTGTGGAGGAGCATCCCGACCCCACTGGGCTCTCAAGGCA 923
QY 242 AlaHisCysPheAspLysHisIleThrAspValPheAsnTrpValArgAlaGlySerAsp 261
DB 924 GCCCACTGCTTCAGAAACATACCATGTGTTCAACTGGAAGTCCGGGAGGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerIleuAlaValAlaIleIleIleIleGluPheAsnPro 281
DB 984 AAACGGGCGACCTCCATCCCTGGCTGTGGCAGATCATCATATTGAATTCACACCCC 1043
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301

```

Db 1044 ATGTACCCCAAGACATGATCGCCCTCATGAGAGCTGACATTCACCTTCTCA 1103
Qy 302 GYTHrVAlArProIlleCyLeuProPheAaPgluGluLeuThrProAlaThrPro 321
Db 1104 GGCACAGTCAGGCCCATCTGCTGCCCTTCTTGATGAGAGCTGACATCCAGCCCA 1163
Qy 322 LeuTrPleIleGlyTrpGlyPheThrLySgInaAnglyGlyLysMeSerAapIleIeu 341
Db 1164 CTCTGATCATTTGATGAGGCTTTTACAGAGCAAGATGAGAGAGATGTCGACATCTG 1223
Qy 342 LeuGlnAlaSerValGlnValIleAaPserThraGySaSnAlaAaPAlaIaTrGln 361
Db 1224 CTGCAAGGCTCAGTCAAGTCAATGACAGCACAGCTGCAATGACAGACAGCGTACAG 1283
Qy 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db 1284 GGGGAAGTCACCGAAGAATGATGTGTGAGAGCATCCGGAAGGGGGTGTGACACCTGC 1343
Qy 382 GlnGlyAaPserGlyGlyProLeuMetTyrgInserAaPglIntPPhIaValIaGlyIle 401
Db 1344 CAGGCTGACAGTGTGGGCCCTTGATGTACCAATCTGACAGTGCATGTGTGGCATTC 1403
Qy 402 ValSerTrpGlyTyrglyCysGlyGlyProSerThrProGlyValIaTyThrLysValSer 421
Db 1404 GTTAGCTGGGCTATGGCTGGGGGGCCGAGCACCCAGAGATATACACCAAGGTCTCA 1463
Qy 422 AlaTyLeuAaPserTrpIleTyraSnValTrpLysAlaGluLeu 435
Db 1464 GCCTATCTCAATGATCTTACATATGTCTGAAAGGCTGAGCTG 1505
RESULT 161
US-10-063-534-111
; Sequence 111, Application US/10063534
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,534
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-534-111
Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conserves: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1
US-10-803-530-2 (1-435) x US-10-063-534-111 (1-2063)
Qy 2 AaPProAaPserAaPglInProLeuAaPserLeuAaPValIaPProLeuAaGlyPProAaG 21
Db 219 GATTCCTACAGTATCAACCTCTGAACAGCCTCGATCTCAAAACCCCTGCAACACCCCGT 278
Qy 22 IlaProMetGluThrPheArGlyValIaGlyIleProIleIleIleAlaLeuAaPserLeu 41
Db 279 ATCCCATGAGACCTTTCAGAAAGGTGGGATCCCATCTATGACATCTACTAGGCTG 338

Qy 42 AlaSerIleIleIleValIaLeuIleLysValIleLeuAaPserTyTrPheLeu 61
Db 339 GCGAGTATCATATTGGTGTCTTCATCAAGGTGATTTGTGATTAATCTACTTCTC 398
Qy 62 CysGlyGlnProLeuHisPheIleProArGlyGlnLeuCyAaPglIaGluLeuAaPProCys 81
Db 399 TGCAGGAGCCTCTCCACTTCATCCGAGAGACAGCTGTGTACGAGAGCTGACTGT 458
Qy 82 ProLeuGlyGluAaPgluGlnHisCysValLysSerPheProGluGlyProAlaValAla 101
Db 459 CCGTGGGGAGGACAGAGAGCATGTGTCAAGAAGCTTCCCAAGGGCTGACGTGGCA 518
Qy 102 ValArgLeuSerLysAaPserThrLeuGlnValIleuAaPserAlaThrGlyAaPTrp 121
Db 519 GTCGCTCTTCCAAAGGACCATCCATCCAGCTGAGGTCTGGACTCGGCCACAGGGAAGTGG 578
Qy 122 PheSerAlaCysPheAaPserPheThrGluAlaLeuAlaGlyThrAlaCysArgGlnMet 141
Db 579 TTCTGTGCTGTTCACAACTTCAAGAGAGCTTGTGAGACAGCTGTAGGCGAGATG 638
Qy 142 GlyTyrsSerSerLysPProThrPheArGAlaValGluIleGlyProAaPglInAaPLeuAaP 161
Db 639 GGCCTACAGC-----AGAGCTGTGAGATTTGGCCACAGACATCTGAT 683
Qy 162 ValValGluIleThrGluAaPserGlnGluLysMetArgAaPserSerGlyProCys 181
Db 684 GTTGTGAAATCAAGAAACAGCCAGAGCTTCGATCGGAACCTCAAGTGGGCTGTGT 743
Qy 182 LeuSerGlySerLeuValSerLeuHisCysLysAlaCysGlyLysSerLeuAaPserPro 201
Db 744 CTCTCAGGCTCCCTGATCTTCCTGCACTGTCTTGCTGTGGAGAGGCTGAAAGACCC 803
Qy 202 ArgValValGlyGlyGlnGluAaPserValAaPserTrpProTrpGlnValSerIleGln 221
Db 804 CGTGTGTGGGTGGGAGAGAGGCTGTGTGATTTCTTGACCTTGGCAGGTGACATCCAG 863
Qy 222 TyraPserLysGlnHisValCysGlyGlySerIleLeuAaPProHisTrpValLeuThrAla 241
Db 864 TACAGAAACAGCAGCTGTGTGAGAGAGATCTGAGACCCCATCTGGTCTCTCACGGGA 923
Qy 242 AlaHisCysPheArGlySerHisThrAaPValPheAaPTrpLysValArgAlaGlySerAaP 261
Db 924 GCCCACTGCTTCAGAGAAACATACCGATGTTCATCTGAGAAAGTCCGGCAGGCTCAGAC 983
Qy 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAaPPro 281
Db 984 AAACGTGGGAGCTTCCATCCCTGGCTGTGGCCAGATCATCATGATTCATCAACCC 1043
Qy 282 MetTyraPProLysAaPserAaPTrpIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGACATGATACATCCGCTCATGAAAGCTGCACTTCCACTCATCTTCTCA 1103
Qy 302 GlyThrValArgProIleCysLeuProPhePheAaPgluGluLeuThrProAlaThrPro 321
Db 1104 GGCACAGTCAGGCCCATCTGTGCTGCCCTTCTTGATGAGAGCTCATCTCAGGCCACCCCA 1163
Qy 322 LeuTrPleIleGlyTrpGlyPheThrLySgInaAnglyGlyLysMeSerAapIleIeu 341
Db 1164 CTCTGATCATTTGATGAGGCTTTTACAGAGCAAGATGAGAGAGATGTCGACATCTG 1223
Qy 342 LeuGlnAlaSerValGlnValIleAaPserThraGySaSnAlaAaPAlaIaTrGln 361
Db 1224 CTGCAAGGCTCAGTCAAGTCAATGACAGCACAGCTGCAATGACAGACAGCGTACAG 1283
Qy 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db 1284 GGGGAAGTCACCGAAGAATGATGTGTGAGAGCATCCGGAAGGGGGTGTGACACCTGC 1343
Qy 382 GlnGlyAaPserGlyGlyProLeuMetTyrgInserAaPglIntPPhIaValIaGlyIle 401
Db 1344 CAGGCTGACAGTGTGGGCCCTTGATGTACCAATCTGACAGTGCATGTGTGGCATTC 1403


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; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,537
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-560-111

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: Gaps: 1
US-10-803-530-2 (1-435) x US-10-063-560-111 (1-2063)

```

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QY 2 AspProaAspSerArgPheProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
Db 219 GATCCTGACAGTGAATCAACCTCTGAAACAGCCTCGATGCAAAACCCCTGCGCAACCCCGT 278
QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
Db 279 ATCCCATGAGACCTTGAAGAGGTGGGAGATCCCATCAATCAATCAATCAATCAATCAATCTTC 338
QY 42 AlaSerIleIleIleValIleValIleuIleuValIleuAspLysIleuValPheLeu 61
Db 339 GCGAGTATCATCATTTGTGTGTCTCATCAAGGATGTTGATTAATTAATTAATTAATCTTC 398
QY 62 CysGlyIleProLeuHisPheIleProArgLysGlnLeuCysAspGlyIleLeuAspCys 81
Db 399 TGCAGGAGCCTCTCCACTTCATCCCGAGAGCAGCTGTGTGACGAGAGCTGAGCTGT 458
QY 82 ProLeuGlyIleAspGlnGluHisCysValLysSerPheProGlnGlyProAlaValAla 101
Db 459 CCTTGGGGGAGAGCAGAGACCTGTGTCAAGAGCTTCCCGAAGGCTGCGAGTGC 518
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTCCAGAGACCATTCACACTGCAAGTGTGCTGCACTGCGCAACAGGAACCTG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 579 TTCTCTGCTGTTCGACCACTTCACAGAGCTCTCGCTGAGACAGCCTGAGGCAATG 638
QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGGCTACAGC-----AGAGCTGTGAGAGATGGCCCAAGACAGAGATCTGGAT 663
QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTGTAATTCACAGAAACAGCCAGAGCTTCGCAATGGGAACCTCAATGGGCCCTCT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysTrpPro 201
Db 744 CTCTGAGGCTCCCTGCTCTCCCTGCACTGTCTGCTGGAGAGACCTGAAAGACCCCC 803
QY 202 ArgValValGlyGlyGlnGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db 804 CGTGTGTGGGTGGGGAGAGGCTCTGTGTGATTTCTTGGCTTGGCAGGTCAAGATCAG 863
QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
Db 864 TAGCAACAAACAGACGCTGTGTGAGGAGCATCTGCAACCCCACTGGGTCTTCACGGCA 923
QY 242 AlaHisCysPheArgLysHisIleThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Db 924 GCCCACTGCTTCAGAGAAACATACCGATGTTCACACTGGAAGGTGGCGGAGGCTCAGAC 983

```

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QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsnPro 281
Db 984 AAATGGGGAGCTTCCATCCCTGCTGTGGCCAAAGTCAATCAATCAATCAATCAATCAACCCC 1043
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAAAGCAATGACATCGCCCTCATGAGCTGCAATTCCTCACTCACTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGlnGluLeuThrProAlaTrpPro 321
Db 1104 GGCACAGTCAGGCCCATCTGTCTGCCCTTCTTGTGATGAGGAGCTCACTCAGCCACCCCA 1163
QY 322 LeuTrpIleIleGlyTyrPheTrpLysGlnAsnGlyIleLysMetSerAspIleLeu 341
Db 1164 CTCTGATCATTTGTGATGGGCTTTTACAGACAGAAATGAGGGAGATGTCTGACATACCTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpGln 361
Db 1224 CTGCAAGCGTCATCTCCAGGTCAATTGACAGACACGCTGCATATCAAGATGCGTACCG 1283
QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGlnGlyIleValAspThrCys 381
Db 1284 GGGGAAGTCACCGAAGAAATGATGTGTGACAGGATCCCGAAGGGGTGTGACACTCG 1343
QY 382 GlnGlyAspSerGlyIleProLeuMetTyrGlnSerAspGlnTrpHisValGlyIle 401
Db 1344 CAGGGTACAGTGTGTGGCCCTGATGTACCAATCTGACCAAGTGTGTGTGGGGCAATC 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
Db 1404 GTTAGCTGGGGCTATGGCTGTGGGGGCCCGAGACCCCAAGATATACCAAGTCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTyrLysAlaGlnLeu 435
Db 1464 GCTATCTCAACTGATCTTACATGTCTGGAAGGCTGAGCTG 1505

```

RESULT 164

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US-10-063-540-111
; Sequence 111, Application US/10063540
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William J.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,540
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-540-111

```

```

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: Gaps: 1
US-10-803-530-2 (1-435) x US-10-063-540-111 (1-2063)

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QY 2 AspProaspSerAspGlnProLeuasnSerLeuaspValIysProLeuArgIysProArg 21
 DB 219 GATCTGACAGTGAATCAACTCTTAACAAGCCTCAAGTCAACCTCGCGAACCCTCGT 278
 QY 22 IleProMetGlnThrPheArgIysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
 DB 279 ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCATATGACATGACCTG 338
 QY 42 AlaSerIleIleIleValIleValIleuIleIysValIleLeuAspIysTrpTrpPheLeu 61
 DB 339 GCGAGTATCATCATTTGGTGTCTCTCATCAAGGATTTCTGATTAATACTACTCTTC 398
 QY 62 CysGlyGlnProLeuHisPheIleProArgIysGlnLeuCysAspGlyGlnLeuAspCys 81
 DB 399 TGGCGGAGCCTCTCCACTTCACTCCAGAAAGCAGTGTGTGAGAGGAGAGCTGACTGT 458
 QY 82 ProLeuGlyGlnAspGlyGlnIleCysValIysSerPheProGlyGlyProAlaValAla 101
 DB 459 CCTTGGGGAGAGACAGAGACACTGTGTCAAGACTTCCCGAAGGCGCTGAGTGGCA 518
 QY 102 ValArgLeuSerIysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
 DB 519 GTCCGCTCTCCAGAGCCAGTCCACTGAGGTGTGAGCTCGGCGACAGGAACTGG 578
 QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnTrpAlaCysArgGlnMet 141
 DB 579 TTCTGTGCTGTTCGACAACTTCAAGAGCTCTGCTGAGACGCTGTGAGGAGATG 638
 QY 142 GlyTrpSerSerIysProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp 161
 DB 639 GGCCTACAGC-----AGACTGTGAGATTTGGCCGACAGACAGATCTGAT 683
 QY 162 ValValGlnIleThrGlnAsnSerGlnIleuArgMetArgAsnSerIysProCys 181
 DB 684 GTTGTGAATCAGAGAAACAGCCAGGAGCTTCCATGCGGAAGCTCAAGTGGGCTGT 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIysSerLeuIleThrPro 201
 DB 744 CTCTCAAGGCTCCCTGCTCTCCCTGCACTGTCTTGTGGGAAAGGCTTGAAGACCC 803
 QY 202 ArgValIleGlyGlyGlnIleAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
 DB 804 CGTGTGTGGGTGGGAGAGAGGCTCTGTGATTTCTTGGCTTGGCAGGTGACATCCAG 863
 QY 222 TyrAspIysGlnHisValCysGlyIysSerIleLeuAspProHisTrpValIleuThrAla 241
 DB 864 TACGACAAACAGCACTGTGTGAGAGGAGCATCTCGAACCCCACTGGGTCTCTCAGGCA 923
 QY 242 AlaHisCysPheArgIysHisThrAspValPheAsnTrpIysValArgAlaGlySerAsp 261
 DB 924 GCCCACTGCTTCAGAAACATACCATGTGTTCACCTGGAAGGTCCGGGACAGCTCAGAC 983
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaIysIleIleIleGlnPheAsnPro 281
 DB 984 AAATCGGGAGCTTCCCATCTCCGTGTGGCTGTGGCCAGATCATCATATTGAATTCAACCC 1043
 QY 282 MetTrpProIysAspAsnAspIleAlaLeuMetIysLeuGlnPheProLeuThrPheSer 301
 DB 1044 ATGTACCCCAAGACATGACATGCGCTCATGAGGCTGCACTTCCACTCTTCTCA 1103
 QY 302 GlyThrValArgProIleCysLeuProPhePheAspGlyGlnLeuThrProAlaThrPro 321
 DB 1104 GGCACAGTCAAGCCCATGTGTCTGCTCTTGTATGAGAGACTCACTCAGCCACCCCA 1163
 QY 322 LeuTrpIleIleGlyTrpGlyPheThrIysGlnAsnGlyIysIysMetSerAspIleLeu 341
 DB 1164 CTCTGATCATTTGATGGGCTTTTACAGAGCAGATGAGAGGAGATGTCTACATACG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpGln 361
 DB 1224 CTGAGAGGCTCATGTCAAGTGTGACACACCGGTGCAATGACAGCATCGTACAG 1283
 QY 362 GlyGlyValThrGlnIysMetMetCysAlaGlyIleProGlyGlyGlyValAlaAspThrCys 381

DB 1284 GGGAGATCAACCGAAGATGATGTGACAGCATCCCGAAGGGGTGTGACACCTGC 1343
 QY 382 GlnGlyAspSerGlyIysProLeuMetTrpGlnSerAspGlnTrpHisValIleGlyIle 401
 DB 1344 CAGGTGTACAGTGTGTGGCCCTGATGTACCATTCACCAAGTGTGTGTGGGATC 1403
 QY 402 ValSerTrpGlyTrpGlyCysGlyIysProSerThrProGlyValIleThrIysValSer 421
 DB 1404 GTTGTGGGCTTATGTGCTGTGGGGGCCGAGACACCCAGAGATATACCAAGTCTCA 1463
 QY 422 AlaTrpLeuAsnTrpIleTrpAsnValTrpIysAlaGlnLeu 435
 DB 1464 GCGTATCTCAACTGATCTCAATGTCTGGAAGGCTGAGCTG 1505
 RESULT 165
 US-10-063-541-111
 ; Sequence 111, Application US/10063541
 ; GENERAL INFORMATION:
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; TITLE OF INVENTION: ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P3230R1C1
 ; CURRENT APPLICATION NUMBER: US/10/063,541
 ; CURRENT FILING DATE: 2002-05-02
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 170
 ; SEQ ID NO 111
 ; LENGTH: 2063
 ; TYPE: DNA
 ; ORGANISM: Homo Sapien
 ; US-10-063-541-111
 Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1
 US-10-803-530-2 (1-435) x US-10-063-541-111 (1-2063)
 QY 2 AspProaspSerAspGlnProLeuasnSerLeuaspValIysProLeuArgIysProArg 21
 DB 219 GATCTGACAGTGAATCAACTCTTAACAAGCCTCAAGTCAACCTCGCGAACCCTCGT 278
 QY 22 IleProMetGlnThrPheArgIysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
 DB 279 ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCATATGACATGACCTG 338
 QY 42 AlaSerIleIleIleValIleValIleuIleIysValIleLeuAspIysTrpTrpPheLeu 61
 DB 339 GCGAGTATCATCATTTGGTGTCTCTCATCAAGGATTTCTGATTAATACTACTCTTC 398
 QY 62 CysGlyGlnProLeuHisPheIleProArgIysGlnLeuCysAspGlyGlnLeuAspCys 81
 DB 399 TGGCGGAGCCTCTCCACTTCACTCCAGAAAGCAGTGTGTGAGAGGAGAGCTGACTGT 458
 QY 82 ProLeuGlyGlnAspGlyGlnIleCysValIysSerPheProGlyGlyProAlaValAla 101
 DB 459 CCTTGGGGAGAGACAGAGACACTGTGTCAAGACTTCCCGAAGGCGCTGAGTGGCA 518
 QY 102 ValArgLeuSerIysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121


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QY 222 Tyraaplysglnhisvalcyeglygylserileuapserprohistrpvalleuthr1a 241
DB 864 TACGACAAACGACAGTGTGTGAGGAGGACATCTCGAACCCCACTGGGTCTTCAACGGCA 923
QY 242 Alahiscyphaeatglyshisthraspyalpheantrp1yvalargalglyserasp 261
DB 924 GCCCATGCTCTTCAAGAAACATACGATGTGTTCACTGGAAGTCCGGGACAGCTCAAC 983
QY 262 Lysleuglyserpheproserleu1aValalalyallellelleleuglupheanpro 281
DB 984 AAACCTGGGACGCTTCCATCCCTGCTGTGGCCAAAGATCATCATTAATTAATCAACCCC 1043
QY 282 MettyrprolyasapnasapllealleumetlyslauglnpheProleuthrPheSer 301
DB 1044 ATGTACCCCAAGAAACATGACATCCCTCATGAAGCTGCACTTCCCATCTTCTTCA 1103
QY 302 GlythrValArgPro1leCyseuprophPheaspglugluLeuthrPro1aThrPro 321
DB 1104 GGCAAGTCAGGCCCATCTGTCTGCTCTTGTATGAGAGCTCATCTCCAGCCACCCCA 1163
QY 322 Leutrp1lellelglytrp1yphethrlysglnaanglylylYwMetSerasp1leu 341
DB 1164 CTCTGATCATTTGATGGGGCTTTTACGAAGCAGATGGAGGAAATGTCTGACACTACTG 1223
QY 342 LeuglnalaserValGlnVal1leaspsertThrArgCyasna1aaspa1a1yrgln 361
DB 1224 CTGAGGGGTCACTGCTCAGGTCAATTGACAGACACGATGCAATGCAAGCATGCTGACAG 1283
QY 362 GlygluVal1ThrGluYwMetMetCyasna1y1leProgluglylyVala1aThrCyS 381
DB 1284 GGGGAAAGTCACCGAAGATGATGTGTGAGGACATCCCGAAGGGGGTGTGACACCTGC 1343
QY 382 Glnglyaspsersg1yglyProleumetlyrglnserasp1ntrp1h1yVal1y1le 401
DB 1344 CAGGTGACAGTGTGGGGCTTGTATGTACATCTGACACTGACATGTGTGG3GACATC 1403
QY 402 Valsertrp1ytrp1yglycyeglyglyProsertrpProgl1Val1ytrthrlyValser 421
DB 1404 GTTACTGGGGCTATGGCTGCGGGGGCCGAGCACCCCGAGATATACCAAGGCTCTCA 1463
QY 422 Ala1ytleuasentrp1le1ytr1asnaVal1Trp1y1a1a1y1leu 435
DB 1464 GCTTATCTCACTGANTCTACATGTCTGGAAGGCTGAGCTG 1505

```

RESULT 167
US-10-063-546-111

Sequence 111, Application US/10063546

GENERAL INFORMATION:

APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Geritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,546
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 111
LENGTH: 2063
TYPE: DNA
ORGANISM: Homo Sapien
US-10-063-546-111

Alignment Scores:

Prod. No.: 0 Length: 2063
Score: 2297.50 Matches: 429

Percent Similarity: 98.85%
Best Local Similarity: 98.85%
Query Match: 98.10%
DB: 40
Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-546-111 (1-2063)

```

QY 2 AspProaspSeraspGlnProleuanserleuaspVal1y1yProleuArg1yProArg 21
DB 219 GATCTGACAGTATTCACACCTTGAACAGCTTCATGTCACAAACCCCTGCGAAACCCCGT 278
QY 22 L1eProMetGluThrPheArglyVal1y1lePro1lellelleleuLeuSerleu 41
DB 279 ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCATAGCACTTACAGCTG 338
QY 42 AlaserlellelleVal1Val1leu1leuVal1leuAsp1y1y1yPhe1y1y 61
DB 339 GCGAGTATCATCATTTGTGTGCTCTCATGAGGATTTGTGATTAATTAATTAATTAATTA 398
QY 62 CyseGlnProleu1aPhe1leProArg1yGlnleuCyasap1y1y1y1y1y1y1y1y1y 81
DB 399 TCGGGGACGCTCTTCACTTATCCGAGAAAGAGCTGTGTGAGAGAGCTGACTGT 458
QY 82 ProleuglygluaspgluglnhisCyval1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y 101
DB 459 CCTTGGGGGAGAGAGAGAGACATGTGTCAAGAGCTTCCCGAAGGGCTGCACTGAGCA 518
QY 102 ValArgleuSer1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y 121
DB 519 GTCCGCTCTTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 578
QY 122 PheSer1a1CysePheAspAsn1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y 141
DB 579 TTTCTGCTGTTTTCAGACATTCACAGAGCTCTCGTGAAGACGCTGTATAGGAGATG 638
QY 142 Gly1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y 161
DB 639 GCTTACAGC-----AGAGCTGTGAGATGTGGCCAGACAGAGATCTGAT 683
QY 162 Val1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y 181
DB 684 GTTGTGTAATCAACGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 743
QY 182 LeuSerGlyserleuVal1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y 201
DB 744 CTCTAGGCTCTCTGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 803
QY 202 ArgVal1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y1y 221
DB 804 CCGTGTGGTGGTGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 863
QY 222 Tyraaplysglnhisvalcyeglygylserileuapserprohistrpvalleuthr1a 241
DB 864 TACGACAAACGACAGTGTGTGAGGAGGACATCTCGAACCCCACTGGGTCTTCAACGGCA 923
QY 242 Alahiscyphaeatglyshisthraspyalpheantrp1yvalargalglyserasp 261
DB 924 GCCCATGCTCTTCAAGAAACATACGATGTGTTCACTGGAAGTCCGGGACAGCTCAAC 983
QY 262 Lysleuglyserpheproserleu1aValalalyallellelleleuglupheanpro 281
DB 984 AAACCTGGGACGCTTCCATCCCTGCTGTGGCCAAAGATCATCATTAATTAATCAACCCC 1043
QY 282 MettyrprolyasapnasapllealleumetlyslauglnpheProleuthrPheSer 301
DB 1044 ATGTACCCCAAGAAACATGACATCCCTCATGAAGCTGCACTTCCCATCTTCTTCA 1103
QY 302 GlythrValArgPro1leCyseuprophPheaspglugluLeuthrPro1aThrPro 321
DB 1104 GGCAAGTCAGGCCCATCTGTCTGCTCTTGTATGAGAGCTCATCTCCAGCCACCCCA 1163
QY 322 Leutrp1lellelglytrp1yphethrlysglnaanglylylYwMetSerasp1leu 341

```

Db 1164 CTCTGATCATTTGGAGGCTTTAGCAAGACAGATGAGAGATGTCGACACTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGCAGGCGTCAGTCCAGGTCATTGACAGCACGGGTGACATGACAGATCGTACCG 1283
QY 362 GlyIleValThrGlnIleuMetMetCysAlaGlyIleProGlnGlyIleValAspThrCys 381
Db 1284 GGGGAGTACCCAGAGATGATGTGTGACGGATCCCGAGAGGGGTGTGACACCTGC 1343
QY 382 GlnGlnIleAspSerGlyIleValProleuMetTyrGlnSerAspGlnTyrHisValIleGlyIle 401
Db 1344 CAGGTGACAGTGTGGGGCCCTGATGTACCAATGTGACAGTGTGATGTGTGGGCTTC 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyIleProSerThrProGlyValTyrThrIleValSer 421
Db 1404 GTTAGCTGGGGCTATGGCTGTGGGGGCCGAGACCCCGAGGTATACCAAGGTCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTyrIleValIleu 435
Db 1464 GCTTATCTCACTGATCTACATGTCTGGAAGGCTGAGCTG 1505

RESULT 168

US-10-063-547-111

; Sequence 111, Application US/10063547

; GENERAL INFORMATION:

; APPLICANT: Eaton, Dan L.

; APPLICANT: Filvarsoff, Ellen

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, Christopher J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Watanabe, Colin K.

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P323081C1

; CURRENT APPLICATION NUMBER: US/10/063,547

; PRIORITY FILING DATE: 2002-05-02

; PRIORITY APPLICATION removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 170

; SEQ ID NO 111

; LENGTH: 2063

; TYPE: DNA

; ORGANISM: Homo Sapien

US-10-063-547-111

Alignment Scores:

Pred. No.: 0

Score: 2297.50

Percent Similarity: 98.85%

Best Local Similarity: 98.85%

Query Match: 98.10%

DB: 40

US-10-803-530-2 (1-435) x US-10-063-547-111 (1-2063)

QY 2 AspProAspSerAspGlnProleuAsnSerIleuAspValIleProleuArgIleuProArg 21

Db 219 GATCTTACAGTATCAACCTCTGACAGCTCGATGTCAACCCCTGCGCAACCCCG 278

QY 22 IleProMetGlnThrPheArgIleValIleProIleIleIleIleIleIleIleIleIle 41

Db 279 ATCCCATGAGACCTTCAGAAAGGTGGAGATCCCATCAATCAATGACACTGAGACCTCG 338

QY 42 AlaSerIleIleIleValIleValIleValIleValIleValIleValIleValIleValIle 61

Db 339 GCGAGTATCATCATTTGGTGTGCTCATCAAGGTGATTTGATATAATCTACTTCTCC 398

QY 62 CysGlnIleProIleuHisPheIleProArgIleGlnIleuCysAspGlyIleIleuAspCys 81

Db 399 TGGGGGAGGCTCTCCACTTCATCCGAGGAGACAGCTGTGTGACGAGAGGCTGAGACTGT 458

QY 82 ProLeuGlyIleuAspGlnIleuHisCysValIleSerPheProGlnIleProAlaValAla 101
Db 459 CCTTGGGGGAGGAGCAGAGACATGTGTCAAGAGCTTCCCGAGAGGCTGAGTGGCA 518
QY 102 ValArgIleuSerIleAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTCCAGAGACCATCACTCAAGTGTGTGAGATCGGCAAGAGAACTGG 578
QY 122 PheSerAlaCysPheAspAspPheThrGlnAlaIleuAlaGlnThrAlaCysArgIleMet 141
Db 579 TTCTGTGCTGTTCGACCACTTCAGAGAGCTCTCCGTGAGACAGCTGTGAGAGAG 638
QY 142 GlyTyrSerSerIleProThrPheArgAlaValGlnIleGlyProAspGlnAspIleuAsp 161
Db 639 GGTACAGC-----AGAGCTGTGAGATTTGGCCCAAGCAGATCTGAT 683

QY 162 ValValGlnIleThrGlnAsnSerGlnIleuIleuMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTAAATTCAGAAAACAGCAGAGCTTCGATGGAGAACTGAAGTGGGCTGTGT 743

QY 182 LeuSerGlySerIleuValSerIleuHisCysIleuAlaCysGlyIleSerIleuIleuTrp 201
Db 744 CTCTCAGGCTCCCTGGTCTCCCTGACATGTCTGCTGAGGAGAGAGCTGAAAGCTCC 803

QY 202 ArgValValGlyIleGlnIleuValSerValAspSerTrpTrpGlnValSerIleGln 221
Db 804 CGTGTGGGTGGGAGAGAGGCTCTGTGTGATCTTGGCTTGGAGGTGAGATCCAG 863

QY 222 TyrAspIleGlnHisValCysGlyIleSerIleuAspProHisTrpValIleuThrAla 241
Db 864 TACGACAAACAGACGCTGTGTGAGAGACATCTGAGACCCCACTGGGTCTTCAGGCA 923

QY 242 AlaHisCysPheArgIleHisThrAspValPheAsnTrpIleValIleGlnPheAsn 261
Db 924 GCCACTGCTTACAGAAACATCCAGTGTTCACCTGAGAGAGTGGGAGGCTCAAGC 983

QY 262 IysLeuGlySerPheProSerIleuAlaValAlaIleIleIleIleIleGlnPheAsn 281
Db 984 AAACGTGGGAGCTTCCATCCCTGGCTGTGGCCAGAACATATATGAAATTCACACCC 1043

QY 282 MetTyrProIleuAspAsnAspIleAlaIleuMetIleuGlnPheProIleuThrPheSer 301
Db 1044 ATGTACCCCAAGACAAATGATACCTCCCTCATGAGAGTCAAGTTCCACTCATTTCTCA 1103

QY 302 GlyThrValArgProIleCysIleuProPhePheAspGlnIleuThrProAlaThrPro 321
Db 1104 GGCAGATGAGGCCCATCTGTCTGCTCTTTGATGAGAGCTCACCTCCAGCCACCCCA 1163

QY 322 LeuTrpIleIleGlyTyrGlyPheThrIleGlnAsnGlyIleIleuMetSerAspIleu 341
Db 1164 CTCTGATCATTTGATGGGGCTTTTACAGACAGATGAGAGGAGATGTCTGACATACTG 1223

QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGCAGGCGTCAGTCCAGGTATGACAGCACAGGTGCATGAGAGAGAGGCTGACAG 1283

QY 362 GlyIleValThrGlnIleuMetMetCysAlaGlyIleProGlnGlyIleValAspThrCys 381
Db 1284 GGGGAGTACCCAGAGATGATGTGTGACGGATCCCGAGAGGGGTGTGACACCTGC 1343

QY 382 GlnIleAspSerGlyIleProleuMetTyrGlnSerAspGlnTyrHisValIleGlyIle 401
Db 1344 CAGGTGACAGTGTGGGGCCCTGATGTACCAATCTGACAGTGTGATGTGTGGGCTTC 1403

QY 402 ValSerTrpGlyTyrGlyCysGlyIleProSerThrProGlyValTyrThrIleValSer 421
Db 1404 GTTAGCTGGGGCTATGGCTGTGGGGGCCGAGACCCCGAGGTATACCAAGGTCTCA 1463

QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTyrIleValIleu 435
Db 1464 GCTTATCTCACTGATCTACATGTCTGGAAGGCTGAGCTG 1505


```

; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-549-111

Alignment Scores:
  Pred. No.:      0
  Score:          2297.50
  Percent Similarity: 98.85%
  Best Local Similarity: 98.85%
  Query Match:    98.10%
  DB:             40
                Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-549-111 (1-2063)

QY 2 AAPPProASPSeRASPGLnProLeuAnSerLeuASPValLySProLeuArgLySProArg 21
DB 219 GATCCTGACAGTGAATCAACCTCTGAAACACCTCGATGTCAAACCCCTGGCAACCCCGT 278
QY 22 ILeProMetGLuThrPheArgLySVaIGlyIleProIleIleIleAlaLeuSerLeu 41
DB 279 ATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATATGACCTAGAGCTG 338
QY 42 AlASerIleIleIleValValValLeuIleValIleLeuASPLeuTyTyrPheLeu 61
DB 339 GCGAGTATCATGATTTGGGTCTCTCATCAAGTGAATTCGGATTAATATCACTTCTC 398
QY 62 CysGLyGlnProLeuHisPheIleProArgLySGlnLeuCySPASPGLyGlnLeuASP 81
DB 399 TCGGGGACGCTCTCCACTTCATCCCGAAGAGCAGCTGTGTGACGGAGAGCTGACTGT 458
QY 82 ProLeuGLyGlnASPGLuGlnHisCySVaILySPeRProGLyGlnProAlaValAla 101
DB 459 CCTTGGGGGAGAGAGAGAGACCTGTGTCAAGACTTCCCGAAGGAGCTGTGAGTGA 518
QY 102 ValAlaGLeSerLySPASPArgSerThrLeuGlnValLeuASPSeRAlaThrGlyASPnTrp 121
DB 519 GTCCGCTCTCCAGAGACCGATCCACACTGCAAGGTGCTGAGCTGGCCACAGGAACTGG 578
QY 122 PheSerAlaCySPheASPAnPheThrGlnAlaLeuIleAGluThrAlaCySPArgGlnMet 141
DB 579 TTCTGTGCTGTTCGACACTTCACAGAGCTCTCGCTGAGACAGCTGTGAGGCAAGT 638
QY 142 GLyTyrSerSerLySProThrPheArgAlaValAGluIleGlyProASPGLnASPLeuASP 161
DB 639 GAGTACAGAC-----AGAGCTGTGGAGATTGGCCAGACACGAGACTGTGAT 683
QY 162 ValValAGluIleThrGlnASPSeRGLnLeuArgMetArgAnSerSerGlyProCys 181
DB 684 GTTGTGAATTCAGAAACAGACGACGAGCTTCGCAATGCGGAACTCAAGTGGGCTCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCySVaILeValASPSeRTrpProTrpGlnValSerIleGln 221
DB 744 CTCCTCAAGCTCCCTGCTGCTCCCTGCACTGTTCCTGTGTGGAAAGACCTGGAAGACCCCGT 803
QY 202 ArgValValAGlyGlnGlnAlaSerValASPSeRTrpProTrpGlnValSerIleGln 221
DB 804 CGTGTGTGGGTGGGAGAGAGGCTCTGTGTGATTCTTGCCCTTGGCAGGTCAAGATCCAG 863
QY 222 TyrASPLeuSGlnHisValCySGlyGlySerIleLeuASPProHisTrpValLeuThrAla 241
DB 864 TACGACAAACAGCACGTGTGTGAGGAGGACATCTTGACCCCACTGGGTCTTCACAGGCA 923
QY 242 AlaHisCySPheArgLySHIeThrASPValPheASPnTrpLySVaIArgAlaGlySerASP 261
DB 924 GCCACATGCTTTCAGGAACATACCGATGTGTTCACATCGAAGGTGCGGAGGCTCAAGAC 983
QY 262 LyLeuGLySerPheProSerLeuAlaValAlaLySleIleIleIleGlnPheASPPro 281
DB 984 AAATCGGAGAGCTTCCATCCCTGTGCTGTGGCCAAAGTCAATCATGTAATTCAAACCC 1043
QY 282 MetTyrProLySPheASPAnPheIleAlaLeuMetLyLeuGlnPheProLeuThrPheSer 301
DB 1044 ATGTACCCCAAGACATGACATGATGCTCATGAAAGCTGACGTTCCACCTCACTTCTCA 1103
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QY 302 GlyThrValArgProIleCySPeProPheASPGLnGlnLeuThrProAlaThrPro 321
DB 1104 GGCACAGTCAAGGCCCATCTGTCTGCCCTTCTTGATATGAGAGCTCACTCAAGCCACCCA 1163
QY 322 LeuTrpIleIleGlyTyrGlyPheThrLySGlnASPnLyGlyLyMetSerASPLeu 341
DB 1164 CTCTGATCATTTGGATGGGCTTTACGAAACAGATGAGGAAAGATGTGTGACATACG 1223
QY 342 LeuGlnAlaSerValGlnValIleASPSeRThrArgCySPAnAlaASPAlaTyGln 361
DB 1224 CTGAGGCGTCAAGTCAAGTCAATTCAGACACGAGTCAATCAACAGATGGTACAG 1283
QY 362 GlyValValThrGlnLySPeMetMetCySPAlaGlyIleProGLyGlyGlyValASPTrpCys 381
DB 1284 GGGGAAATCACCGAAGAGATGTGTGACAGGATCCCGAAGGGGTGTGACACCTGC 1343
QY 382 GlnGlyASPSeRGLyGlyProLeuMetTyrGlnSerASPGLnTrpHisValValGlyIle 401
DB 1344 CAGGTTACAGTGTGTGGCCCTGATGTACATCTGACCAAGTGCATGTGGTGGGATC 1403
QY 402 ValSerTrpGLyTyrGlyCySGlyGlyProSerThrProGlyValTyrThrLySPeSer 421
DB 1404 GTTAGCTGAGGCTTAGTGTGCTGGGGGCGCCGAGACCCCGAGGTATACACAAAGTCTCA 1463
QY 422 AlaTyrLeuASPnTrpIleTyrASPnValTrpLySPAlaGlnLeu 435
DB 1464 GCTATCTCAACTGATCTTCAATGTCTGGAAGGCTGACTG 1505

RESULT 171
US-10-063-551-111
; Sequence 111, Application US/10063551
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerltzen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William J.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,551
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-551-111

Alignment Scores:
  Pred. No.:      0
  Score:          2297.50
  Percent Similarity: 98.85%
  Best Local Similarity: 98.85%
  Query Match:    98.10%
  DB:             40
                Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-551-111 (1-2063)

QY 2 AAPPProASPSeRASPGLnProLeuAnSerLeuASPValLySProLeuArgLySProArg 21
DB 219 GATCCTGACAGTGAATCAACCTCTGAAACACCTCGATGTCAAACCCCTGGCAACCCCGT 278
QY 22 ILeProMetGLuThrPheArgLySVaIGlyIleProIleIleIleAlaLeuSerLeu 41
DB 279 ATCCCATGAGACCTTCAGAAAGGTGGGATCCCATCATCATATGACCTAGAGCTG 338
```

OY	42	AlaSerIleIleIleValValValLeuLeuLeuValIleLeuAspLysTyrTyrPheLeu	61
Db	339	GCGAGTATCATCATGTGTGTGTGTCTCATACAGAGTATTCGGATTAATCATCTTCTC	398
OY	62	CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCyAspGlyGlnLeuAspCys	81
Db	399	TCCGGGACAGCTCTCCATCTTATCCCGAGGAAGCAGCTGTGTGACGAGAGCTGCATGT	458
OY	82	ProLeuGlyGlnAspGlnGlnHisCyValLysSerPheProGlnGlyProAlaValAla	101
Db	459	CCCTTGGGGAGAGACGAGAGACGTGTGTCAAGACTTCCCGAAGGGCGCTGCAGTGGCA	518
OY	102	ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp	121
Db	519	GTCGCCCTCTCCAGAGACCAGATCCACATCGCAGGTGTGGATCTGGCCACAGGAACTGG	578
OY	122	PheSerAlaCyAspAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCyAspArgLmet	141
Db	579	TTCCTGCTGTGTTCGACAACTTCACAAAGCTCTCGCTGACAGAGCTGTAGGAGATGG	638
OY	142	GlyTyrSerSerLysProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp	161
Db	639	GGCTACACG-----AGAGCTGTGAGATTGGCCACAGCAGGATCTGGAT	683
OY	162	ValValGlnIleThrGlnAsnSerGlnLeuAlaGmetArgAsnSerSerGlyProCys	181
Db	684	GTTGTGTGAATACAGAAACAGAACGAGGCTTCGCAATGCCGAAGTCAAGTGGGCCCTGT	743
OY	182	LeuSerGlySerLeuValSerLeuHisCyValLeuAlaCyAspGlyLysSerLeuLysThrPro	201
Db	744	CTCTCAGGCTCCCTGGTGTCTCCTGCACATGTCTTGCTGTGGGAAGAGCTGAAGACCCC	803
OY	202	ArgValValGlyGlyGlnGlnAlaSerValAspSerTrpProTrpGlnValSerIleGln	221
Db	804	CGTGTGTGTGGGTGGGAGGAGGCGCTGTGTGATTTCTTGCGCTTGACAGGTCAAGATCCAG	863
OY	222	TyrAspLysGlnHisValCyAspGlyLysSerIleLeuAspProHisGTrpValLeuThrAla	241
Db	864	TACGACAAACACACAGCTGTGTGAAGGAGACATCTTGACACCCCACTGGGTCTCTCAGGGCA	923
OY	242	AlaHisCyAspPheArgLysHisGThrAspValPheAsnTrpLysValArgAlaGlySerAsp	261
Db	924	GCCCACTGCTTACGAAACATACCCATGTGTTCACATGGAAGGTGGGGCAGGCTCAGAC	983
OY	262	LysIleGlnLysSerPheProSerLeuAlaValAlaLysIleIleIleGlnPheAsnPro	281
Db	984	AAACTGGGAGCTTCCCATCCCGGTGTGGCCAGACATCATCATTAATTCAACCCC	1044
OY	282	MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer	301
Db	1044	ATGTACCCCAAGACATGATCGCCCTTCATGAACCTCAGTCCACCTCATCTTCTCA	1104
OY	302	GlyThrValArgProIleCysLeuProPhePheAspGlnLeuThrProAlaThrPro	321
Db	1104	GGCACAGTACGGCCCATCTGTCTGCGCTTCTTGTGAAGAGAGCTCATCTCAGCCACCCA	1166
OY	322	LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu	341
Db	1164	CTCTGTGATCATTTGATGGGGCTTTACGAAGCAGAAATGAGAGGAAGTGTCTGACATACG	1222
OY	342	LeuGlnAlaSerValGlnValIleAspSerThrArgCyAsnAlaAspAspAlaTyrGln	361
Db	1224	CTGCAGAGCGCTCAGTCCAGGTCAATTGACAGCACGCTGTGAATGCAACATGCGTGTACAG	1282
OY	362	GlyGlnValThrGlnLysMetMetCysAlaGlyIleProGlnGlyGlyValAspThrCys	381
Db	1284	GGGGAAGTCCACGAGAAAGATGATGTGTGACGGCATCCCGAAGGGGTGTGACACTTGC	1344
OY	382	GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle	401
Db	1344	CAGGTGTGACAGTGTGTGGGCCCTCGATGTACATTCGACCAAGTGGCATGTGTGGGCATC	1404
OY	402	ValSerTrpGlyTyrGlyCyAspGlyGlyProSerThrProGlyValTyrThrLysValSer	421

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Db      1404 GTTAGCTGGGGCTATGCTGCGGGGGCCCGAGCACCCGAGAGATATACCAAGGCTTCA 1465
Qy      422 ALATytleuAenTtPleTyAArValTtPlysaIaGIuLen 435
Db      1464 GCCTATCTCAACTGATCTTCAAAATGTCTGGAAGGCTGAGCTG 1505

RESULT 172
US-10-063-553-111
; Sequence 111, Application US/10063553
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Macanabe, Colin K.
; APPLICANT: Mood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,553
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-553-111

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
Dl: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-553-111 (1-2063)
Qy      2 AaPPRoAaPSeAAaPGLProLeuAnSeRleuAaPValIyPProLeuArgIySPProArg 21
Db      219 GATCTCGACAGTGAATCAACTCTGAACAGCTTGATTAACCCCTGCGCAAAACCCCT 278
Qy      22 ILeProMeAGluThrPheArgIyVaIaGIyIleProlleIleIeAlaLeuSeRleu 41
Db      279 ATCCCAATGAGACCTTCAAGAAAGTGGGATCCCATCATATAGCACTATCGAGACCTG 338
Qy      42 AlaSerIleIleIleValValValLeuIleIyValIleuAspIyGfTyPheLeu 61
Db      339 GCGAGATCATCATTTGGTGTCTCCATCAAGTGATCTGGATTAATACTACTTCCCTC 398
Qy      62 CyAGIyGInProLeuIlePheIleProArgIyGInLeuCyAspGIyGIuLeuAaPcyS 81
Db      399 TCGGGAGACCTCTCCACTTCATCCCGAGAAAGCAAGCTGTGTGACGGAAGGCTGAGCTGT 458
Qy      82 PProLeuGIyGIuAaPGLuGIuIleCyVaIlySeRPhProGIuGIyProAlaValAla 101
Db      459 CCTTTGGGGAGAGACGAGAGACGTGTGTCAAGAGTTCCCGAAGGCTGCAAGTGGCA 518
Qy      102 ValArgLeuSerIyAaPArgSeRThrLeuGInValIleuAaPSeRAlaThrGIyAenTP 121
Db      519 GTCGGCTCTCCAGGACCGATCCACACTGCAAGGTGCTGACTCGGCCACAGGAACTGG 578
Qy      122 PheSerAlaCyPheAaPAnPheThrGIuAlaLeuAlaGIuThrAlaCyAaRGIuMet 141
Db      579 TTCTGTGCTGTGTTCACAACTTCAACAGAGCTTCTGCTGAGACAGCTGTAGAGAGAGT 638
Qy      142 GIyTySeSerIySeRProThrPheArgIaValGIuIleGIyProAaPGLnAaPLeuAaP 161

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Db 639 GGCTACAGC-----AGAGCTGTGGAGATTGGCCACAGACCGAGATCTGAT 683
Qy 162 ValValGluIleThrGluAsnSerGlnGluMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTGAATCAAGAAAAACAGCCAGAGCTTCGATCCGAGACCAAGTGGGCTGT 743
Qy 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuThrPro 201
Db 744 CTCTCAGGCTCCCTGGTCTCCCTGCACCTCTTGGCTGTGGAGAGCTGAAGACCCC 803
Qy 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProGlnValSerIleGln 221
Db 804 CGTGTGTGGTGGGAGAGAGCCCTCTGTGATTCTTGACCTTGGCAGGTCCAGTCCAG 863
Qy 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
Db 864 TACGACAAACAGCACTCTGTGAGGAGACATCCGACCCCACTGGGCTCTCCACGGCA 923
Qy 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Db 924 GCCCACTGCTCAGGAAACATACCGATGTTCACCTGGAAGGTCCGGGCGAGCTCAGAC 983
Qy 262 LysLeuGlySerPheProSerLeuAlaValAlaValIleIleIleGlnPheAsnPro 281
Db 984 AACCTGGGAGCTTCCCATCTCTGGCTGTGGCCAAAGATCATCATTAATGAAATCAACCCC 1043
Qy 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGAACATAGACATCCCTCATGAAAGCTGCAGTTCCCATCTTTCTCA 1103
Qy 302 GlyThrValArgProIleCysLeuProPhePheAspGlnGluLeuThrProAlaThrPro 321
Db 1104 GGCACAGTCAGGCCCATCTGTCTGTCCCTTCTTGTGTAGAGAGCTCACCCAGCCACCCCA 1163
Qy 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
Db 1164 CTCTGCATCTTGAATGGGGCTTTTACAAAGCAAGATGAGAGATCTCGAACATCTG 1223
Qy 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGCAGGCGTCAAGTCAAGTCAATGACAGCACAGGTGCATGACAGAGTCCCTACAG 1283
Qy 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db 1284 GGGGAAGTCACGAGAAATATATGTGCAGAGCATCCCGAGGGGGTGTGCACACTGC 1343
Qy 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401
Db 1344 CAGGCTGACATGTGTGGGCTCCCTGATGTACCAATCTGACAGTGCATGTGTGGGCTATC 1403
Qy 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
Db 1404 GTTGTGTGGGCTATGTGTGTGGGGGCGCCGAGCACCCGAGGATATACCAAGGTCTCA 1463
Qy 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
Db 1464 GCCTATCTCACTGATCTTACATGTCTGGAAGGCTAGGCTG 1505

RESULT 173
US-10-063-554-111
; Sequence 111, Application US/10063554
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,554
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-554-111
Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: Gaps: 1
US-10-063-530-2 (1-435) x US-10-063-554-111 (1-2063)
Qy 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
Db 219 GATCTGACAGTATCACTCTGAACAGCTTCGATCAAACTCCCTGGCAAACTCCGT 278
Qy 22 IleProMetGlnThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
Db 279 ATCCCAATGAGACCTTCAGAAAGGTGGGATCCCATCATCATATGACTATCTGAGCCCTG 338
Qy 42 AlaSerIleIleIleValValIleuIleLysValIleLeuAspLysTyrTrpPheLeu 61
Db 339 GCGAGTATCATCATTTGTGTTTCTTCATCAAGGATTTCTGGATTAATACTTCTTCC 398
Qy 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
Db 399 TGGGGACAGCTCTCACTTCAATCCGAGGAAGCAGCTGTGTGACGAGAGCTGAGCTGT 458
Qy 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGlnGlyProAlaValAla 101
Db 459 CCGTTGGGGAGAGACGAGAGCACTGTGTCAAGACTTCCGAAAGGCGCTGCAGTGGCA 518
Qy 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTCCAGAGACGATCCACATGACAGGTGTGACTGGCCACAGGGAATCG 578
Qy 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 579 TTCTGTGCTGTGTGACAACTTCAAGAAAGCTTCGCTGAGACAGCTGTAGGCAAGATG 638
Qy 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCTACAGC-----AGAGCTGTGGAGATTGGCCACAGACCGAGATCTGAT 683
Qy 162 ValValGluIleThrGluAsnSerGlnGluMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTGAATCAAGAAAAACAGCCAGAGCTTCGATCCGAGACCAAGTGGGCTGT 743
Qy 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuThrPro 201
Db 744 CTCTCAGGCTCCCTGGTCTCCCTGCACCTCTTGGCTGTGGAGAGCTGAAGACCCC 803
Qy 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProGlnValSerIleGln 221
Db 804 CGTGTGTGGTGGGAGAGAGCCCTCTGTGATTCTTGACCTTGGCAGGTCCAGTCCAG 863
Qy 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
Db 864 TACGACAAACAGCACTCTGTGAGGAGACATCCGACCCCACTGGGCTCTCCACGGCA 923
Qy 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Db 924 GCCCACTGCTCAGGAAACATACCGATGTTCACCTGGAAGGTCCGGGCGAGCTCAGAC 983

QY 262 LysLeuGlySerPheProSerLeuAlaValAlaIleIleIleIleIleGluPheAsnPro 281
 DB 984 AAATGGGACGCTTCCATCCCTGGCTGTGGCCAAAGTATCATCATTTGAATTCACCCC 1043
 QY 282 MetTyrProIyAspAsnAspIleAlaLeuMetIyLeuGlnPheProLeuThrPheSer 301
 DB 1044 ATGTACCCCAAGACAAATGATCATGCCCTCATGAAGGTGAGTTCCCATCTTCTTCCA 1103
 QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
 DB 1104 GGCAAGTCAGAGCCCATCTGTCTGCTTTTATGAGAGCTCATCTCCAGCCACCCCA 1163
 QY 322 LeuTrpIleIleGlyTyrGlyPheThrIySGlnAsnGlyIyIyMetSerAspIleLeu 341
 DB 1164 CTCTGATCATTTGATGGGGCTTTTACAGACAGATGAGAGGAGATGTCTGACATTTCTG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 DB 1224 CTGCAAGGCGTCAGTCAGAGTCATTGACAGCACAGGTGCAATGACAGATGCCGTACAG 1283
 QY 362 GlyGluValThrGluIyMetMetCysAlaGlyIleProGluGluIyValAspThrCys 381
 DB 1284 GGGGAAAGTCACCGAAGATATGTGTGACAGCATCCCGAAGGGGGGTGTGACACCTTGC 1343
 QY 382 GlnGlyAspSerGlyIyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401
 DB 1344 CAGGTCAGAGTGGGGCCCTGATGTACCAATGTGACAGTGGCATGTGTGGGCTTC 1403
 QY 402 ValSerTrpGlyTyrGlyCysGlyIyProSerThrProGlyValTyrThrIyValSer 421
 DB 1404 GTTAGCTGGGCTATGGCTGTGGGGGCCGAGCACCCAGAGGTATACCAAGGTCTCA 1463
 QY 422 AlaTyrLeuAsnTrpIleTyrAsnValIleIyValAlaGluLeu 435
 DB 1464 GCTATCTCACTGATCTACATGTCTGAAAGGCTGAGCTG 1505

RESULT 174

US-10-063-555-111

Sequence 111, Application US/10063555

GENERAL INFORMATION:

APPLICANT: Baton, Dan L.

APPLICANT: Filvaroff, Ellen

APPLICANT: Gerriessen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Gurney, Austin L.

APPLICANT: Watanabe, Colin K.

APPLICANT: Wood, William I.

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P3230R1C1

CURRENT APPLICATION NUMBER: US/10/063,555

CURRENT FILING DATE: 2002-05-02

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 170

SEQ ID NO 111

LENGTH: 2063

TYPE: DNA

ORGANISM: Homo Sapien

US-10-063-555-111

Alignment Scores:

Pred. No.: 0

Score: 2297.50

Percent Similarity: 98.85%

Best Local Similarity: 98.85%

Query Match: 98.10%

DB: 40

US-10-803-530-2 (1-435) x US-10-063-555-111 (1-2063)

QY 2 AspProAspSerAspGlnProIeuAsnSerLeuAspValIyProIeuArgIySProArg 21

DB 219 GATCTGACAGTATCACTCGAAGAGCTGTGATCAACCCCTGGCCAAACCCCTG 278
 QY 22 IleProMetGluThrPheArgIySValGlyIleProIleIleIleAlaLeuSerLeu 41
 DB 279 ATCCCAATGAGACCTTCAAGAAAGGTGGATCCCATCATCATAGCACTACTGAGCTG 338
 QY 42 AlaSerIleIleIleValValIleuIleIyValIleuAspIyTyrPheLeu 61
 DB 339 GCGAGTATCATATGTGTGTCTCATCAAGGTGATTCGTGATTAATATCACTTCTTC 398
 QY 62 CysGlyGlnProLeuHisPheIleProArgIyGlnIleuCysAspGlyIyLeuAspCys 81
 DB 399 TGCAGGAGCCTCTCCCATTCATCCGAGAGAGAGCTGTGTACGAGAGCTGAGCTGT 458
 QY 82 ProLeuGlyGluAspGluGluHisCysValIySerPheProGluGlyProAlaValAla 101
 DB 459 CCTTGGGGAGAGACAGAGAGCATGTGTCAAGAGCTTCCCGAAGGGCCTGAGTGGCA 518
 QY 102 ValArgLeuSerIyAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
 DB 519 GTCCGCTCTCAAGAGACCCATCCACATGAGGTGCTGAGCTGGCACAGGAGAACTGG 578
 QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgIyMet 141
 DB 579 TTCTCTGCTGTTCGACAACTTCACAGAGCTCTCCTGAGACAGCCTGTAGGCAATG 638
 QY 142 GlyTyrSerSerIySProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
 DB 639 GGCCTACAGC-----AGAGCTGTGAGATGTGCCAGACAGAGACTGTGAT 683
 QY 162 ValValGluIleThrGluAsnSerGlnIyLeuArgMetArgAsnSerSerGlyProCys 181
 DB 684 GTTGTGAATCAAGAAACAGCAGAGCTTGTGCATGGGAATCAAGTGGGCTCTGT 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIySerLeuIyThrPro 201
 DB 744 CTCTCAGGCTCCCTGAGTCTCCCTGACATGCTTCTGCGGAGAGAGCTGTAAACACCCC 803
 QY 202 ArgValIyAlaGlyIyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
 DB 804 CGTGTGTGGGTGTGGAGAGAGCTCTGTGTGATTTGTGGCTTGTGACAGTACATTCAG 863
 QY 222 TyrAspIySGlnHisValCysGlyIySerIleLeuAspProHisTrpValIleuThrAla 241
 DB 864 TACACAAACAGCAGCTGTGTGAGAGAGCATCTGAGACCCCATGGGTCTTCAACGCA 923
 QY 242 AlaHisCysPheArgIyHisIleThrAspValPheAsnTrpIySValArgAlaGlySerAsp 261
 DB 924 GCCACGTGCTTCAGGAAACATACAGATGTGTCAACTGGAAGGTGCGGGCAGGCTCAGAC 983
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaIleIleIleIleGluPheAsnPro 281
 DB 984 AAATGGGACGCTTCCATCCCTGGCTGTGGCCAAAGTATCATCATTTGAATTCACCCC 1043
 QY 282 MetTyrProIyAspAsnAspIleAlaLeuMetIyLeuGlnPheProLeuThrPheSer 301
 DB 1044 ATGTACCCCAAGACAAATGATCATGCCCTCATGAAGGTGAGTTCCCATCTTCTTCCA 1103
 QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
 DB 1104 GGCAAGTCAGAGCCCATCTGTCTGCTTTTATGAGAGCTCATCTCCAGCCACCCCA 1163
 QY 322 LeuTrpIleIleGlyTyrGlyPheThrIySGlnAsnGlyIyIyMetSerAspIleLeu 341
 DB 1164 CTCTGATCATTTGATGGGGCTTTTACAGACAGATGAGAGGAGATGTCTGACATTTCTG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 DB 1224 CTGCAAGGCGTCAGTCAGAGTCATTGACAGCACAGGTGCAATGACAGATGCCGTACAG 1283
 QY 362 GlyGluValThrGluIyMetMetCysAlaGlyIleProGluGluIyValAspThrCys 381

Db 1284 GGGGAAGTCA CGAAGATGATGTGCGACGATCCCGAGGGGGTGTGACACTTGC 1343
Qy 382 GINGLYASPSerGLYGLYPProLeuMetTYRGInSerASPGLnTriPhISValValGlyLe 401
Db 1344 CAGGGTGAACAGTGTGGGCCCCCGATGTACCAATCTGACCAAGGCGATGTGGGCATC 1403
Qy 402 ValSerTriPGLYTYRGInCYSGInGLYPProSerThProGLYValTYRThrYSValSer 421
Db 1404 GTTAGCTGGGGGCTATGTGGCTGGGGGCGGAGCAAGGAGTATACCAAGGCTTCA 1463
Qy 422 AlaTYRLeuAsnTriPLeTYRAsnValTYRPLYSAlaGluLeu 435
Db 1464 GCTATCTCACTGATCTACATGTCTGGAAGGCTGAGCTG 1505
RESULT 175
US-10-063-557-111
; Sequence 111, Application US/10063557
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gueney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: GNE.3230R1C39
; CURRENT APPLICATION NUMBER: US/10/063,557
; PRIOR FILING DATE: 2002-05-02
; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: US 60/169,495
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: US 60/170,262
; PRIOR FILING DATE: 1999-12-09
; PRIOR APPLICATION NUMBER: US 60/175,481
; PRIOR FILING DATE: 2000-01-11
; PRIOR APPLICATION NUMBER: PCT/US00/04341
; PRIOR FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: PCT/US00/04342
; PRIOR FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: PCT/US00/05601
; PRIOR FILING DATE: 2000-03-01
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-557-111
Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1
US-10-803-530-2 (1-435) x US-10-063-557-111 (1-2063)
Qy 2 ASPProASPSezASPGLnProLeuAsnSerLeuASPValIlyASPProLeuArgIlySProArg 21
|||||

Db 219 GATCCTGACAGTGAATCAACCTCTGAACAGCCTCGATGTAACACCCCTGGCAAAACCCCT 278
Qy 22 ILeProMetGluThrPheArgIlySValGlyTLeProIleIleIleAlaLeuLeuSerLeu 41
Db 279 ATCCCATGAGACCTTTCAGAAAGTGGAGATCCCATCATCATCATCATCATCATCATCAT 338
Qy 42 AlaSerIleIleIleValValValLeuIleValIleValIleValIleValIleValIle 61
Db 339 GCGAGTATCATCATGT 398
Qy 62 CySeGLYGLnProLeuHisPheIleProArgIlyGlnLeuCySeASPGLYLeuLeuAspCyS 81
Db 399 TCGGGGAGCCTCTTCCACTTCATCCGAGGAGACGCTGTGTGACGGAAGCTGAGCTGT 458
Qy 82 ProLeuGLYGLnAspGluGluHisCYSeValIlySerPheProGluGLYProAlaValAla 101
Db 459 CCGTGGGGGAGAGACAGAGACCTGTGTCAAGAGCTTCCGAGGGGCTGAGAGCA 518
Qy 102 ValArgLeuSerIlyAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTri 121
Db 519 GTCCGCTCTCCAAAGACCGATCCACATGAGGTCTGGACTCGGCCACAGGAACTGG 578
Qy 122 PheSerAlaCyPheAspAsnPhethrGluAlaValAlaGluThrAlaCyArgGlnMet 141
Db 579 TTCTTGCTCTTTTTCACAACTTCAAGAGCTCTGCTGAAACAGCCTGTAGGAGAGATG 638
Qy 142 GLYTYRSeSerIlySerProThrPheArgAlaValGluIleGlyProASPGLnAspLeuAsp 161
Db 639 GGCTACAGC-----AGAGCTGTGAGATTGGGCCACAGACAGATCTGAT 683
Qy 162 ValValGluIleIleThrGluAsnSerGlnIleuAspMetArgAsnSerSerIlyProCyS 181
Db 684 GTTGTGAATATACAGAAACAGCAGAGCTTCCATGCGGAACTCAAGTGGGCTGT 743
Qy 182 LeuSerGlySerLeuValSerLeuHisCYSeLeuAlaCYSGIlySerLeuIlySerPro 201
Db 744 CTCTCAGGCTCCTCGTCTCCTGCACTGTCTTGGCTGTGGAGAGCCTGAAGCCTCC 803
Qy 202 ArgValValGlyGLYGLnIleuAsnValAspSerTriProTriGlnValSerIleGln 221
Db 804 CGTGTGTGGTGGGAGAGAGCCTCTGTGATCTTGGCCTGGCAGGTCAAGATCAG 863
Qy 222 TYRAspIlySGInHisValCYSeGLYIlySerIleLeuAspProHisTriPValLeuThrAla 241
Db 864 TACGACAAACAGACGCTGTGTGAAGAGAGATCTGACCCCACTGGGTCTTCAAGCA 923
Qy 242 AlaHisCYSePheArgIlyHisThrAspValPheAsnTriPlySValArgAlaGlySerAsp 261
Db 924 GCCCACTGCTTCAAGAAACATACGATGTGTCACTGGAAGGTGCGGGCAGGCTCAGAC 983
Qy 262 IlyLeuGlySerPheProSerLeuAlaValAlaIlyIleIleIleIleGluPheAsnPro 281
Db 984 AACTGGGAGGCTTCCATCCCTGCTGTGCGCAAGATCATCATCATCATCATCATCAT 1043
Qy 282 MetTYRProIlyAspAsnAspIleAlaLeuMetIlySerGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGACAAAGACATGCGCTTCATGAAGCTGACAGTTCCACTCATCTTCTCA 1103
Qy 302 GlyThrValArgProIleCYSeLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
Db 1104 GGCACAGTCAAGGCCCATCTGTCTGCCCTTCTTATGAGGAGCTCACTCCAGGCCACCCA 1163
Qy 322 LeuTriPLeIleGlyTriPGLYPheThrIlyGlnAsnGLYIlySmetSerAspIleLeu 341
Db 1164 CTCTGATCATTTGATGTGGGCTTTTACAAAGAGATGAGGAGAGAGTGTGACATCTAG 1223
Qy 342 LeuGlnAlaSerValGlnValIleASPSezThrArgCYSeAsnAlaAspAspAlaTYRGLn 361
Db 1224 CTGCAGGGGTCAAGTCAAGTATTTGACAGCACAGCTGATGACAGCATGTGCTACAG 1283
Qy 362 GLYGLnValThrGluIlySmetMetCYSeAlaGlyTLeProGluGLYIlyValAspThrCYs 381
Db 1284 GGGGAAGTCA CGAAGATGATGTGCGACGATCCCGAAGGGGGTGTGACACTTGC 1343

Qy 382 GlnGlyAspSerGlyProLeuMetIyrGlnSerAspGlnTrpHisValIleGlylle 401
Db 1344 CAGGTAGACAGTGGGGCCCTGATGTACCAATCTGACAGTGCATGTGGGCAATC 1403
Qy 402 ValSerTrpGlyIyrGlyCyseGlyIyrProSerThrProGlyValIyrThrIleValSer 421
Db 1404 GTTACTGGGGCTATGCTGCGGGGGCCGAGCACCCGAGAGTATACCAAGGTCTCA 1463
Qy 422 AlaIyrLeuAsnTrpIleIyrAsnValTrpIyrAlaGluLeu 435
Db 1464 GCGTATCTCACTGATCTACAACTCTGGAAGGCTGAGCTG 1505
RESULT 176
US-10-063-560-111
Sequence 111, Application US/10063560
GENERAL INFORMATION:
APPLICANT: Eaton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Geritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Maranabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,560
PRIOR FILING DATE: 2002-05-02
PRIOR APPLICATION NUMBER: 60/063435
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/064215
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/087759
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/088021
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;; PRIOR APPLICATION NUMBER: 09/311832
;; PRIOR FILING DATE: 1999-05-14
;; PRIOR APPLICATION NUMBER: 09/380137
;; PRIOR FILING DATE: 1999-08-25
;; PRIOR APPLICATION NUMBER: 09/380138
;; PRIOR FILING DATE: 1999-08-25
;; PRIOR APPLICATION NUMBER: 09/380142
;; PRIOR FILING DATE: 1999-08-25

Alignment Scores:

Pred. No.: 0
Score: 2297.50

Length: 2063
Matches: 429

Percent Similarity: 98.85%
Best Local Similarity: 98.85%
Query Match: 98.10%
DB: 40

Conservative: 0
Mismatches: 0
Indels: 5
Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-560-111 (1-2063)

QY 2 ASPPEPASPSErAPGInPLeuAenSerLeuAspValIysPProLeuArgIysPProArg 21
Db GATCCTGACAGTATCACTCGAACAGCTCGATGTAACCTCGGCAACCTCGT 278
QY 22 ILePMeTcGInThrPheArgIysValGlyIlePProIleIleIleAlaLeuSerLeu 41
Db ATCCCAATGAGACCTTCAGAAAGGTGGGATCCCATATCATATACACTACTAGCTCG 338
QY 42 AlAserIleIleIleValIValIleuIleValIleuAspPyrTyTyPheLeu 61
Db GCGAGTATCATCTATTGGTGTCTTCATCAAGTATTCGTGATTAATATCTTCTTC 398
QY 62 CyGlyGInPProLeuHISpHeIlePProArgIysGInLeuCyAspGlyIleuAspCy 81
Db TGGGGGAGCTCTCCACTTCATCCGAGGAAGCACTGTGTGACGAGAGCTGACTGT 458
QY 82 ProlEugIyGluAspGluGInHISysValIysSerPheProGluGlyPProAlaValAla 101
Db CCCTTGGGGAGGACAGAGGACCTGTGTCAAGAGCTTCGGAAGGGCTCGAGTGGCA 518
QY 459 CCCTTGGGGAGGACAGAGGACCTGTGTCAAGAGCTTCGGAAGGGCTCGAGTGGCA 518
QY 102 ValArgLeuSerIysAspArgSerThrLeuGInValIleuAspSerAlaThrGlyAsnTrp 121
Db GTCCGCTCTCCAAAGACCGATCCACATCGAGGTGTGAGTCTGGCCACAGGAATCTG 578
QY 519 GTCCGCTCTCCAAAGACCGATCCACATCGAGGTGTGAGTCTGGCCACAGGAATCTG 578
QY 122 PheSerAlaCyPheAspAsnPheThrGluAlaAlaGluThrAlaCyAsnGlnMet 141
Db TTCTGTGCTGTTCACAACTTCACAGAGCTTCGCGAGACAGCCGTGTGAGCAGTG 638
QY 579 TTCTGTGCTGTTCACAACTTCACAGAGCTTCGCGAGACAGCCGTGTGAGCAGTG 638
QY 142 GlyTySerSerIysPProThrPheArgAlaValGluIleGlyPProAspGluAspLeu 161
Db GCGTACAGC-----AGAGCTGTGAGATTGGCCAGACAGGATCTGGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnGluAsnArgMetArgAsnSerSerGlyProCys 181
Db GTTGTTGAATATCAGAAACAGCCAGGAGCTTCGATCGGAATCAAGTGGCCCTGT 743
QY 684 GTTGTTGAATATCAGAAACAGCCAGGAGCTTCGATCGGAATCAAGTGGCCCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHISysLeuAlaCyGlyIysSerLeuIysThrPro 201
Db CTCTCAGGCTCCCTGTCTCCCTCGACCTGTCTGTGGGAAAGCTGAAGCCCCC 803
QY 744 CTCTCAGGCTCCCTGTCTCCCTCGACCTGTCTGTGGGAAAGCTGAAGCCCCC 803
QY 202 ArgValValGlyIyGluGluAlaSerValAspSerTrpProTrpGluValSerIleGln 221
Db CGTGTGTGGGTGGGAGGAGGCTCTGTGATTTCTGGCCTTGGCAGGTCAAGTCCAG 863
QY 804 CGTGTGTGGGTGGGAGGAGGCTCTGTGATTTCTGGCCTTGGCAGGTCAAGTCCAG 863
QY 222 TyrAspIysGlnHISValCyGlyIysGlySerIleuAspPProHISTrpValIleuThrAla 241
Db TACGACAAACAGACAGTCTGTGTGAGGAGCATCTCGAACCCCACTGGGTCTTCAGCA 923
QY 864 TACGACAAACAGACAGTCTGTGTGAGGAGCATCTCGAACCCCACTGGGTCTTCAGCA 923
QY 242 AlaHISCyPheArgIysHISThrAspValPheAsnTrpIysValArgAlaGlySerAsp 261
Db GCCCACTGCTTACGAAACATACCATGTGTTCACTGAAAGTGGGAGGCTCAAGC 983
QY 924 GCCCACTGCTTACGAAACATACCATGTGTTCACTGAAAGTGGGAGGCTCAAGC 983
QY 262 IysLeuGlySerPheProSerLeuAlaValAlaIysIleIleIleIleGluPheAsnPro 281
Db AAACGTGGGAGCTTCCATCCCTGTGCTGGCCAAAGATCATCATCATTAATTAACCC 1043
QY 984 AAACGTGGGAGCTTCCATCCCTGTGCTGGCCAAAGATCATCATCATTAATTAACCC 1043
QY 282 MetTyTrpProIysAspAsnAspIleAlaLeuMetIysLeuGlnPheProLeuThrPheSer 301
Db ATGTATCCCAAGAAAGAAAGATGAGCTTCATGAAGCGAGGTTCCTCACTCATTTTCA 1103
QY 1044 ATGTATCCCAAGAAAGAAAGATGAGCTTCATGAAGCGAGGTTCCTCACTCATTTTCA 1103
QY 302 GlyThrValArgPProIleCyLeuPProPhePheAspGluGluLeuThrProAlaThrPro 321
Db GGCACAGTCAAGGCCATCTGTCTGCTTCTTTGATGAGAGCTCATCTCCAGCCACCCA 1163
QY 1104 GGCACAGTCAAGGCCATCTGTCTGCTTCTTTGATGAGAGCTCATCTCCAGCCACCCA 1163
QY 322 LeuTrpIleIleGlyTyTrpGlyPheThrIysGlnAsnGlyIysMetSerAspIleLeu 341

Db 1164 CTCGTGATCATTTGATGGGGCTTTACGAGAGATGAGGAGATGTCTGACATCTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGACAGGCTGACGTCACAGGATTCGACAGCACCGTTCGAATGACAGAGCGGATCCAG 1283
QY 362 GtGtGtValIleThrGluValMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db 1284 GGGGAAAGTCAACCGAAGATATGTGTACAGCATCCCGAAGGGGGTGTGACACCTGC 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTyrPheIleValGlyIle 401
Db 1344 CAGGCTGACATGTGTGGGCCCCGTATGATACCAATCTGACAGTGGCATGTGTGGGATC 1403
QY 402 ValSerTyrGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrValSer 421
Db 1404 GTTAGCTGGGCTATAGCTGGGGGGGGCCGAGCACCCGAGATATACCAAGGTCTCA 1463
QY 422 AlaTyrLeuAsnTyrPheTyrAsnValTyrPheValGluLeu 435
Db 1464 GCTTATCTCACTGATCTACATGTCTGAAAGGCTGAGCTG 1505

RESULT 177
US-10-063-561-111
; Sequence 111, Application US/10063561
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P323ORICI
; CURRENT APPLICATION NUMBER: US/10/063,561
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-561-111

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-561-111 (1-2063)

QY 2 AppProAspSerAspGlnProLeuAsnSerLeuAspValIleProLeuArgLysProArg 21
Db 219 GATCTGACAGTGAATCACTGACAGCCTCGATGTCAAAACCCCTGCGCAAAACCCCT 278
QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
Db 279 ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCATAGCATCTAGACCTCG 338
QY 42 AlaSerIleIleIleValValLeuIleValIleLeuAspLysTyrTyrPheLeu 61
Db 339 GCGAGTATCATATGTGTGTGTCTTCATCAAGGTATTCGATTAATACTACTCTTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
Db 399 TCGCGGACAGCTCTCTCACTTCACTCCGAGGAAGACACTGTGTGACGGAAGCTGACTGT 458

QY 82 ProLeuGlyGluAspGluGluHisCysValIleSerPheProGluGlyProAlaValAla 101
Db 459 CCGTGGGGGAGAGACGAGAGACATGTGTCAAGAGCTTCCCGAAGGGCCGCGAGTGC 518
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTyr 121
Db 519 GTCCGCTCTTCAAGAGACCGATCCACATGCAAGGTGTGAGCTGGCCACAGGAACTCG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGluMet 141
Db 579 TTCCTGCTGTTTCGACAACTTCACAGAGCTTCCCTGAGACGCTTGAGGCAAGTGTG 638
QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GCGTACAGC-----AGAGCTGTGAGATGTGGCCAGACAGAGCTGTGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerGlyProCys 181
Db 684 GTTGTTGAATCAGAGAAACAGCCAGAGCTTCGATGCGGAATCAAGTGGGCCCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysAlaLeuAlaCysGlyLysSerLeuThrPro 201
Db 744 CTCTAGGCTCCCTGTGTCTCCCTGACATGTCTTGTGTGTGAGAGAGCTTAAGACCTCC 803
QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTyrProTyrGlnValSerIleGln 221
Db 804 CGTGTGGGGGTGGAGAGAGGCTCTGTGATCTTGGCTTGGCAGTACAGATCCAG 863
QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTyrValLeuThrAla 241
Db 864 TACGACAAAGACAGCATGTGTGAGAGGAGCATCTGAGACCCCACTGGGTCTCAAGGCA 923
QY 242 AlaHisCysPheAspGlyHisThrAspValPheAsnTyrPheValArgAlaGlySerAsp 261
Db 924 GCCACCTGCTTCAGAGAAACATACGATGTGTTCACATGGAAGGTGGGGGAGCTCAAGC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
Db 984 AAACGTGGGACCTTCCATCCCTGTGTGTGGCCAGAGATCATCATTAATTCACACCC 1043
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGAACATGATGCGCTCATGAAGGTGAGCTCCACTCATCTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
Db 1104 GGCACAGTCAAGGCCATGTGTGTGCTGCTTCTTGTGTGAGAGCTCACTCCAGCCCA 1163
QY 322 LeuTyrPheIleGlyTyrGlyPheThrArgGlnAsnGlyLysMetSerAspIleLeu 341
Db 1164 CTCTGATCATTTGATGGGCTTTTACGAGGCAAGATGAGGAGAGATGTCTGACATCTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGACAGGCTGACGTCACAGCATTCGACAGCACCGTTCGAATGACAGAGTCCGATCCAG 1283
QY 362 GlyValValIleThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db 1284 GGGGAAAGTCAACCGAAGATATGTGTACAGCATCCCGAAGGGGGTGTGACACCTGC 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTyrPheIleValGlyIle 401
Db 1344 CAGGCTGACAGTGTGGGCCCCGTATGATACCAATCTGACAGTGGCATGTGTGGGATC 1403
QY 402 ValSerTyrGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrValSer 421
Db 1404 GTTAGCTGGGCTATAGCTGGGGGGGGCCGAGCACCCGAGATATACCAAGGTCTCA 1463
QY 422 AlaTyrLeuAsnTyrPheTyrAsnValTyrPheValGluLeu 435
Db 1464 GCTTATCTCACTGATCTACATGTCTGAAAGGCTGAGCTG 1505

```
RESULT 178
US-10-063-562-111
/ Sequence 111, Application US/10063562
/ GENERAL INFORMATION:
/ APPLICANT: Eaton, Dan L.
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Gerlitsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Watanabe, Colin K.
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ FILE REFERENCE: P3230R1C1
/ CURRENT APPLICATION NUMBER: US/10/063,562
/ PRIOR FILING DATE: 2002-05-02
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 170
/ SEQ ID NO 111
/ LENGTH: 2063
/ TYPE: DNA
/ ORGANISM: Homo Sapien
US-10-063-562-111

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-562-111 (1-2063)
QY 2 AAPPRAAPSERASGLINPROLEUANSERLEUAPVALYSPROLEUARGVSPROARG 21
DB 219 GATCTGTGACAGTATCACTCTGTGAACAGCTCGATGCAAAACCCCTGCGCAACCCCGT 278
QY 22 ILEPROMETGLINPHEARGLYSVALGYLLEPROILEILEILEALEULEUSETLEU 41
DB 279 ATCCCAATGAGAACCTTGAGAAAGGTGGGAGATCCCATCATCATATGACATGACCTG 338
QY 42 ALASERLEILEILEVALVALLEULEULEYVALILEUAPPLYLYTYTYR-PHELEU 61
DB 339 GCGAGTATCATCATGTGTGTCTCTCATCAAGGTGATTCGATTAATCTACTTCTC 398
QY 62 CYSGLINPROLEUHIASPHLEIPROARGLYSGINLEUCYSAAPGLYGLULEUAPCY 81
DB 399 TCGGGGAGCCCTCTCCACTTCACTCCCAAGGAGCACTGTGTGACGAGAGCTGGACTGT 458
QY 82 PROLEUGLYGUAPRGUGLUNHISCYEVALYSSERPHEPROGLUGLIPROALAVALA 101
DB 459 CCTTTGGGGGAGGAGCAAGAGCACTGTGTCAAGACTTCCCGAAGGGCTTGAGTGGCA 518
QY 102 VALARGLEUSERLYSAAPARGSERTHLEUGINVALLEUAPSERALATHRGLYASNTIP 121
DB 519 GTCGCGCTCTCCAGAGCCGATCCACACTGCAAGGTGCTGCACTGGCCACAGGGAACCTGG 578
QY 122 PHESERALACYSPHEAPASNPHETHRGULALEUVALAGLUNHRAIACYSAARGINMET 141
DB 579 TTCTCTGCTGTTTCGACAACTTCAAGAAAGCTCTCCCTAGACAGGCTGTAGGCAAGT 638
QY 142 GLYTYRISERISERLYSPROTHR-PHEARGALVALGLUNILEGLYPROASPGINAPLEUAP 161
DB 639 GGCTACAGGC-----AGAGCTGTGAGAGTTGGCCACAGCCAGATCTGGAT 663
QY 162 VALVALGLUNILETHRGLUAENSERGINLULEUARGMETARGAENSERISERGLYPROCY 181
DB 684 GTTGTGAAATATCAACAGAAAACAGCCAGAGACTTGCATGTGGAACTCAAGTGGGCTGT 743
QY 182 LEUSERGLYSERLEUVALSERLEUHIASCYLEUVALCYAGLYYSERISERLEUYSPTHRPRO 201
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DB 744 CTCTCAGGCTCCCTGCTCTCCCTGCACTGTCTTGTGGGAAGACCTGAAAGACCC 803
QY 202 ARGVALVALGYLGYLUGLUNHISERVALASERLYSPROTHRGINVALSERILEGIN 221
DB 804 GCTGTGTGGGTGGGAGAGAGGCTCTGTGTGATTTCTTGGCTGGCAGGCTACACATCCAG 863
QY 222 TYRAPPYSGINHSVALCYSGLYGYSERILEUAPPROHISRTVALLEUTHRALA 241
DB 864 TACGACAAACAGCAGCTGTGGAGGGAGCATCTGGACCCCACTGGGTCTCAGGCA 923
QY 242 ALHISCYSPHEARGLYSHSTHRAPVALPHEASNTIPLYSVALHARGALYSSERAP 261
DB 924 GCCCACTGCTTCAGGAAACATACCATGTGTTCAACTGGAAAGGTGGGCGAGGCTCAGAC 983
QY 262 LYSLEUGLYSERPHEPROSERLEUVALVALALEVLEILEILEGLIUPHEANPPO 281
DB 984 AAACCTGGGAGCTTCCATCTCTGCTGTGGCCAAAGATCATCATTAATTCACACCC 1043
QY 282 METTYRPROLYSAPHANAPILLEALEUMELYSLEUGLNPHEPROLEUTHRPHESE 301
DB 1044 ATGTACCCCAAGACATGACATGCGCCCTCATGAAGCTGCACTTCCACTCATCTTCTCA 1103
QY 302 GLYTHRVALARGPROILECYSERLEUPROPHENASPGULINLEUTHRPROALATHRPRO 321
DB 1104 GGCAAGTCAAGGCCCATGTGTCTGCTTCTTGTGAGAGAGCTCACTTCACGCCCA 1163
QY 322 LEUTHRILEILEGLYTRPGLYPHEATHRGLYASNGLYGLYMETSERAPILLEU 341
DB 1164 CTCGTGATCATTTGATGGGGCTTTACGAAGAGANTGAGGGAAATGTCTACATCTG 1223
QY 342 LEUHLHLSERVALGLNVALILEASERTHRARGCYASNALASAPSPALATYRGLN 361
DB 1224 CTCAGGCGCTCAAGTTCAGGTATGTGACAGCACAGGTGCATATGACAGACATCGTACAGC 1283
QY 362 GLYGLUVALTHRGULYSEMETCYSAIAGLYLEPROGLUGLIGLYVALASPHRCYS 381
DB 1284 GGGGAAGTCAACGAGAAAGATGATGTGTGAGGACATCCGGAAGGGGGTGTGACACTTGC 1343
QY 382 GINGLYASPSERGLYGLYPROLEUWETTYRGINSERAPGINTPHILEVALVALGYLLE 401
DB 1344 CAGGGTGAAGATGTGTGGGCGCCCTGATGATCAATGTGACAGTGGCATGTGTGGGCAATC 1403
QY 402 VALISERTIPGLYTYRGLYCYSGLYGLYPROSERTHRPROGLYVALTYRTHLYSVALSER 421
DB 1404 GTTAGCTGGGCTTAAGCTGTGCGGGGCCGAGCACCCAGAGATATACACCAAGGTCTCA 1463
QY 422 ALATYRLEUASNTIPILETYRANVALTRPLYSALAGLULEU 435
DB 1464 GCCTATCTCACTGGATGTACAAATGTGTGAAAGGCTGAGCTG 1505

RESULT 179
US-10-063-563-111
/ Sequence 111, Application US/10063563
/ GENERAL INFORMATION:
/ APPLICANT: Eaton, Dan L.
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Gerlitsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Watanabe, Colin K.
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ FILE REFERENCE: P3230R1C1
/ CURRENT APPLICATION NUMBER: US/10/063,563
/ PRIOR FILING DATE: 2002-05-02
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 170
/ SEQ ID NO 111
/ LENGTH: 2063
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TYPE: DNA
ORGANISM: Homo Sapien
US-10-063-563-111

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
Gaps: 1
DB: 40

US-10-803-530-2 (1-435) x US-10-063-563-111 (1-2063)

QY 2 AspProAspSerArgPglInProLeuAnSerLeuAspValLyPProLeuArgLyPProArg 21
DB 219 GATCCTGACAGTGAATCAACCTCTGMAACGCTCGATGCAACCCCTCGGMAACCCCGT 278
QY 22 IleProMetGluThrPheArgLyValGlyIleProIleIleIleAlaLeuSerLeu 41
DB 279 ATCCCAATGAGACCTTCAGAAAGGTGGAGATCCCATATCATATGCACTAGACTG 338
QY 42 AlaSerIleIleIleValIleValIleValIleValIleValIleValIleValIleVal 61
DB 339 GCGAGTATCATCTTGTGTGTCTCTCATCAAGTGAATTCGATTAATTAATTAATTAATTA 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLyGlnLeuCyAspGlyGlnLeuAspCys 81
DB 399 TGGCGGCGAGCTCTCCATCTTCATCCGAGAGACGCTGTGTGACGAGAGCTGAGCTGT 458
QY 82 ProLeuGlyGlnAspGlyGlnHisGlyValIleSerPheProGlyGlnIleValIleVal 101
DB 459 CCTTGGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 518
QY 102 ValArgLeuSerLyAspArgSerTherLeuGlnValIleAspSerAlaThrGlyAsnTrp 121
DB 519 GTCCGCTCTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 578
QY 122 PheSerAlaCyPheAspAsnPheThrGlnAlaLeuValGlnThrAlaCyAspGlnMet 141
DB 579 TTCTGTGCTGTTCGACAACTTCACAGAGCTTCGTCGAGACAGCTGTGTGTGTGTGTGT 638
QY 142 GlyTyrSerSerLyProThrPheArgAlaValGlyIleGlyProAspGlnAspLeuAsp 161
DB 639 GCGTTCACAG-----AGAGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 683
QY 162 ValValGlnIleThrGlnAsnSerGlnIleLeuValGlnMetArgAsnSerSerGlyProCys 181
DB 684 GTTGTGTAATCATCAGAAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 743
QY 182 LeuSerGlySerLeuValSerLeuHisGlyLeuAlaCyGlyLySerSerLeuValThrPro 201
DB 744 CTCTAGAGCTCTCTGTCTCTCTGCACTGTCTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 803
QY 202 ArgValValGlyGlyGlnIleValAspSerValAspSerTrpProGlnValSerIleGln 221
DB 804 CGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 863
QY 222 TyrAspLyValGlnHisValCyGlyGlySerIleLeuAspProHisGlyValLeuThrAla 241
DB 864 TAGCAACAAACAGAGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 923
QY 242 AlaHisCyPheArgLyValSerThrAspValPheAsnTrpLyValArgAlaGlySerAsp 261
DB 924 GCCCACTGCTTCAGAAACATACAGATGTTCAATCGAAGGTGTGTGTGTGTGTGTGTGTGT 983
QY 262 LySerLeuGlySerPheProSerLeuAlaValAlaValIleIleIleIleGlnPheAsnPro 281
DB 984 AAACCTGGGAGCTTCCATCCCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1043
QY 282 MetTyrProLyAspAsnAspIleAlaLeuMetLyLeuGlnPheProLeuThrPheSer 301
DB 1044 ATGTACCCCAAGACATGATCATGCTCATGAACTGCAAGTTCCTTCATCTTCATCTTCAT 1103

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QY 302 GlyThrValArgProIleCySLeuProPheAspGlnIleLeuThrProAlaThrPro 321
DB 1104 GGCACATCAGAGGCCCATCTGTCTGTCTTGTGATAGAGAGCTCATCTCAGCCACCCCA 1163
QY 322 LeuTrpIleIleGlyTyrGlyPheThrLyGlnAsnGlyGlyLyMetSerAspIleLeu 341
DB 1164 CTCTGATCATCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
DB 1224 CTGCAAGCGTCAAGTCAAGTCAATGACAGACACGCTGTGTGTGTGTGTGTGTGTGTGT 1283
QY 362 GlyIleValThrGlyMetMetCysAlaGlyIleProGlyGlyGlyValAspThrCys 381
DB 1284 GGGGAATCACCAGAGAGAGATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValIleGlyIle 401
DB 1344 CAGGCTGACAGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1403
QY 402 ValSerTrpGlyTyrGlyGlyGlyGlyGlyProSerThrProGlyValIleThrLyValSer 421
DB 1404 GTTAGCTGGGGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLyAlaGlnLeu 435
DB 1464 GCTTATCTCACTGATCTCAATGTCTGTGAAAGCTGAGCTG 1505

RESULT 180
US-10-063-564-111
Sequence 111, Application US/10063564
GENERAL INFORMATION:
APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Macanabe, Colin K.
APPLICANT: Macanabe, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT FILING DATE: 2002-05-02
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 111
LENGTH: 2063
TYPE: DNA
ORGANISM: Homo Sapien
US-10-063-564-111

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
Gaps: 1
DB: 40

US-10-803-530-2 (1-435) x US-10-063-564-111 (1-2063)

QY 2 AspProAspSerArgPglInProLeuAnSerLeuAspValLyPProLeuArgLyPProArg 21
DB 219 GATCCTGACAGTGAATCAACCTCTGMAACGCTCGATGCAACCCCTCGGMAACCCCGT 278
QY 22 IleProMetGluThrPheArgLyValGlyIleProIleIleIleAlaLeuSerLeu 41
DB 279 ATCCCAATGAGACCTTCAGAAAGGTGGAGATCCCATATCATATGCACTAGACTG 338

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QY	442	AlaSerIleIleIleValValValIleuIleIySValIleLeuAspLysTyrTyrPheLeu	61
Db	339	GGAGATCATCATATGTGGTGTCTCATCAAGGTGATCTTGATTAATCATCTCTC	399
QY	62	CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCyAspGlyGlnLeuAspCys	81
Db	399	TGCGGGCAGCCTCTCCACTTCATCCCGAAGAACAGCTGTGTGACGAGACCTGACCTGT	455
QY	82	ProLeuGlyGlnAspGlnGlnHisCysValIlySerPheProGlnGlyProAlaValAla	101
Db	459	CCCTTGGGGAGAGACGAGAGACCTGTGTCAAGACCTTCCCGAAGGSCCTGACGTGGCA	518
QY	102	ValArgLeuSerLysAspArgSerPheIleuGlnValLeuAspSerAlaThrGlyAsnTyr	121
Db	519	GTCGCGCTCTCCAGAGACCGATCCACATCGAGGTGTGTGACTGGCCACAGGGAACTGG	578
QY	122	PheSerAlaCyPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCysArgGlnMet	141
Db	579	TTTCTGTGCTTTTCGACACTTCACAGAACTCTCGCTGAGACAGCTTGAGGCAGATG	638
QY	142	GlyTyrSerSerLysProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp	161
Db	639	GGCTACAGC-----AGAGCTGTGAAGATTGCGCCACGCCAGATCTGTGAT	683
QY	162	ValValGlnIleThrGluAsnSerGlnIleuLysMetArgAsnSerSerGlyProCys	181
Db	684	GTTGTTAATATCACAGAAACACGCCAGAGCTTGCCATGTGGAACTCAATGGGCCCTGT	743
QY	182	LeuSerGlySerLeuValSerIleuHisCysLeuAlaCysGlyLysSerIleuLysThrPro	201
Db	744	CTCTCAGAGCTCCCTGGTCTCCCTGCACATGTCTGTGCTGTGGAAAGCCCTGAAGACCCC	803
QY	202	ArgValValGlyGlyGlnGlnAlaSerValAspSerTyrProThrGlnValSerIleGln	221
Db	804	CGTGTGTGTGGTGGGGAGAGGCTCTGTGTGATTCTTGTGCTTGGCAGGTTCAGATCCAG	863
QY	222	TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisIleTyrValLeuThrAla	241
Db	864	TACGACAAACAGACGCTGTGTGAAGGAGAGCTCTGAGACCCCACTGAGTCTCTCACGGCA	923
QY	242	AlaHisCysPheArgLysHisIleThrAspValPheAsnTyrLysValArgAlaLysSerAsp	261
Db	924	GCCCACTGCTTCAGAAACATACCGATGTGTTCATCTGAAAGTGGGGCAGGCTTCAGAC	983
QY	262	LysLeuGlySerPheProSerIleuAlaValAlaLysIleIleIleGlnPheAsnPro	281
Db	984	AAATCTGGGAGCTCCCATCTGCTGCTGTGGCCAGATCATCATTAATGAATCAACCC	1043
QY	282	MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer	301
Db	1044	ATGTACCCCAAGAACATGACATCCGCCCTCAGTAAGACCTGCAGTTCCTCACTCATTTCTCA	1103
QY	302	GlyThrValArgProIleCysLeuProPhePheAspGlnGlnLeuThrProAlaThrPro	321
Db	1104	GGACACGTCAAGGCCCATCTGTCTGCTCTTTTGATGAGAGCTCATCTCCAGCACCCCA	1163
QY	322	LeuTyrIleIleGlyTyrGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu	341
Db	1164	CTCTGATCATTTGATGTGGCGCTTTCAGAACGAGATGGAAGGAAGATGTGCAATACTGT	1223
QY	342	LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln	361
Db	1224	CTGCAGGGGTGATCCAGGTCACTTGAACAGCAACGATGCATGTGACAGAGATGGCTACAG	1283
QY	362	GlyGlnValThrGlnLysMetMetCysAlaLysIleProGlnGlyGlyValAspThrCys	381
Db	1284	GGGGAGTCAACGAGAAATATATGTGTGCAGAGCATCCCGAAGGGGTGTGTGCACCTGTC	1343
QY	382	GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTyrHisValValGlyTyrIle	401
Db	1344	CAGGATGACAGTGTGTGGGCCCTGTATGTACCAATCTGACACAGTGTGCATGTGTGGGCATC	1403
QY	402	ValSerTyrGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer	421

Db	1404	GTATGCTGGGGCTATGGCTCGGGGGCCGAGCACCCAGAGATACCAAGGCTCTCA	1463
Qy	422	AlaIytleuAenTPlIeTyAenValITpLysAlaGluLeu	435
Db	1464	GCTTATCTCAACTGAGATCTACATGCTCTGAAAGGCTGAGCTG	1505
RESULT 181			
US-10-063-565-111			
; Sequence 111, Application US/10063565			
; GENERAL INFORMATION:			
; APPLICANT: Eaton, Dan L.			
; APPLICANT: Filvaroff, Ellen			
; APPLICANT: Gerlitsen, Mary E.			
; APPLICANT: Goddard, Audrey			
; APPLICANT: Godowski, Paul J.			
; APPLICANT: Grimaldi, Christopher J.			
; APPLICANT: Gurney, Austin L.			
; APPLICANT: Macanabe, Colin K.			
; APPLICANT: Wood, William I.			
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC			
; FILE REFERENCE: P3230R1C1			
; CURRENT APPLICATION NUMBER: US/10/063_565			
; PRIOR FILING DATE: 2002-05-02			
; NUMBER OF SEQ ID NOS: 170			
; SEQ ID NO 111			
; LENGTH: 2063			
; TYPE: DNA			
; ORGANISM: Homo Sapien			
US-10-063-565-111			
Alignment Scores:			
Pred. No.: 0 Length: 2063			
Score: 2297.50 Matches: 423			
Percent Similarity: 98.85% Conservative: 0			
Best Local Similarity: 98.85% Mismatches: 0			
Query Match: 98.10% Indels: 5			
Db: 40 Gaps: 1			
US-10-803-530-2 (1-435) x US-10-063-565-111 (1-2063)			
Qy	2	ASPPRoASPSeRASPgINPProLeuAenSerLeuASPValIyBPProLeuArgIySPRoArg	21
Db	219	GATCTGACGTGATGATCAACCTTGAACAGCTTGATGTCAAAACCCCTGGCAAAACCCGT	278
Qy	22	IleProMetGluThrPheArgIySPValGlyIleProIleIleIleAlaLeuLeuSerLeu	41
Db	279	ATCCCAATGGAGACCTTCAGAAAGGTGGGATCCCATCATATATACACTACTGAGCCTG	338
Qy	42	AlaSerIleIleIleValValValIleuIleValIleLeuASPLeuTyTyRPhelLeu	61
Db	339	GCGAGTATCATCATTTGGTTGGTCCCTCATCAAGAGGATCTCGATTAATACTACTTCTC	398
Qy	62	CysGIyGlnProLeuHisPheIleProArgIyGlnIleuCyASPGLyIleuLeuAPCyS	81
Db	399	TGGGGGAGGCTTCCACTTCAATCCGAGAAAGCAAGCTGTGTGAGAGGAGCTGGAATGT	458
Qy	82	ProLeuGIyGlnASPGLyIleuIleuIleuIleuIleuIleuIleuIleuIleuIleuIleu	101
Db	459	CCCTTGGGGAGAGACAGAGAGCACTGTGTCAAGACTTCCCGAAAGGCTCGAGGTGCA	518
Qy	102	ValArgLeuSerIyASPArgSerIleuGlnValIleuASPSeRAlaThrGlyASPnTzp	121
Db	519	GTCGGCTCTCCAAAGACCGATTCACACTGCAAGGCTGTGAGCTGGGCCACAGGAACTGG	578
Qy	122	PheSerAlaCySPheASPAnPheThrGlnAlaLeuAlaGluThrAlaCyARGIleMet	141
Db	579	TTCTCTGCTGTTTGACAACTTCAACAAGACTCTCGGTGAGACAGCTGTAGGCAATG	638
Qy	142	GIlyTySerSerIySPProThrPheArgAlaValGluIleGlyProASPgInASPLeuASP	161

DB 639 GGTACAGC-----AGAGCTGTGAGATTGGCCAGACCAAGATCTGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnIleuArgMetArgAsnSerSerGlyProCys 181
DB 684 GTTGTGAAATACAGAAACAGACGAGCTTCCATCGGCACTCAAGTGGGCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuThrPro 201
DB 744 CTCTAGGCTCTCTGTCTCTCTGCACTGTCTTCTGCTTGGAGAGAGCTTGAAGACCC 803
QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
DB 804 CGTGTGTGGGTGGGAGAGAGGCTCTGTGATTTCTTGACCTTGGCAAGTCAAGATCCAG 863
QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
DB 864 TACGCAAAACAGACAGTCTGTGAGGAGACATCCGAGACCCCACTGGGCTCTCAAGGCA 923
QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
DB 924 GCCCACTCTTACGAAACATACCAATGTGTTCACTGAGAGTCCGGCAGGCTCAAGC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleIleGluPheAsnPro 281
DB 984 AAACCTGGGAGCTTCCATCCCTGTGGCTGTGGCCAAAGATCATCATTTGAATTCACCCC 1043
QY 282 MetTrpProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
DB 1044 ATGTACCCCAAGACATGACATCCCTCATGAAGCTGACAGTCCCACTCTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluIleuThrProAlaThrPro 321
DB 1104 GGCACAGTCAGGCCCATCTGTCTGCTTCTTGTGAGAGACTCATCTCCAGCCACCCCA 1163
QY 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyLysLysMetSerAspIleLeu 341
DB 1164 CTCTGATCATTTGATGGGCTTTTACAGACAGATGAGAGGAGATGTCTGACATACG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpGln 361
DB 1224 CTGCAAGGCTCAGCTCAGGTCATTCAGACACACGCTGCATGACAGACCATCCGTAACG 1283
QY 362 GlyIleValThrGluLysMetMetCysAlaGlyIleProGluGlyValAspThrCys 381
DB 1284 GGGGAGAGTCACGGAAGATGATGTGACAGGCTCCGAAAGGGGTGTGACACCTGC 1343
QY 382 GlnGlyAspSerGlyLysProLeuMetTrpGlnSerAspGlnTrpHisValValGlyIle 401
DB 1344 CAGGCTGACAGTGTGGGCTCTGATGTACATCTGACCACTGGCATGTGGTGGGCTC 1403
QY 402 ValSerTrpGlyTrpGlyCysGlyGlyProSerThrProGlyValTrpThrLysValSer 421
DB 1404 GTTACTGGGGCTATAGCTGGGGGGCCGAGACACCCAGAGTATACACCAAGGTCTCA 1463
QY 422 AlaTrpLeuAsnTrpIleTrpAsnValTrpLysAlaGluLeu 435
DB 1464 GCTATCTCACTGATCTACATGTCTGAAAGGCTGAGCTG 1505

RESULT 182
US-10-063-566-111
Sequence 111, Application US/10063566
GENERAL INFORMATION:
APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Guiney, Austin L.
APPLICANT: Watanabe, Colin L.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,566
CURRENT FILING DATE: 2002-05-02
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 111
LENGTH: 2063
TYPE: DNA
ORGANISM: Homo Sapien
US-10-063-566-111

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-566-111 (1-2063)

QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
DB 219 GATCTGACAGTGAATCAACCTTGAACAGCTCGATGTCAAACTCTGGCAACCCCT 278
QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuSerLeu 41
DB 219 ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATCATATGACTAGACCTG 338
QY 42 AlaSerIleIleIleValValIleuIleLysValIleLeuAspLysTrpThrPheLeu 61
DB 339 GCGAGTATCATCATGTGTGTCTCATCAAGGATTCGATGAAATACTACTTCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLysCysAspGlyGluLeuAspCys 81
DB 399 TCCGGGAGCTCTCCCACTTCAATCCGAGAGACGCTGTGTGACGAGAGCTGACTGT 458
QY 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
DB 459 CCTTGGGAGAGACAGAGACATGTGTCAAGCTTCCCGAAGGGCTGCACTGGCA 518
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
DB 519 GTCCGCTCTCAAGACCGATCCACATGCACTGCAAGGTGTGACTCGGCCACAGGGAACTG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
DB 579 TTCTGTGCTGTTCGACAACTTCACAGAGCTCTGCGTAGACAGCCGTGAGCGAGATG 638
QY 142 GlyTrpSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
DB 639 GGTACAGC-----AGAGCTGTGAGATTGGCCAGACCAAGATCTGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnIleuArgMetArgAsnSerSerGlyProCys 181
DB 684 GTTGTGAAATACAGAAACAGACGAGCTTCCATCGGCACTCAAGTGGGCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuThrPro 201
DB 744 CTCTAGGCTCTCTGTCTCTCTGCACTGTCTTCTGCTTGGAGAGAGCTTGAAGACCC 803
QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
DB 804 CGTGTGTGGGTGGGAGAGAGGCTCTGTGATTTCTTGACCTTGGCAAGTCAAGATCCAG 863
QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
DB 864 TACGCAAAACAGACAGTCTGTGAGGAGACATCCGAGACCCCACTGGGCTCTCAAGGCA 923
QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
DB 924 GCCCACTCTTACGAAACATACCAATGTGTTCACTGAGAGTCCGGCAGGCTCAAGC 983

QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAspPro 281
DB AAACGGGCAAGCTTCCCATCCCTGGCTGTGGCCAGATCATCATTAATCAATCAACCCC 1043
QY 262 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
DB ATGTATCCCCCAAGACATAGATCATGCGCTTCATGAAGCTGCAGTTCCCATCTACTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluLeuThrProAlaThrPro 321
DB GGCAAGTCAGAGCCCATCTGTCTCCCTCTTTATATAGAGGCTCATCCAGCCACCCCA 1163
QY 322 LeuThrIleIleGlyTyrPglPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
DB CTCTGATCATTTGATGGGGCTTTTACAGAGCATGAGGAGGAGATGCTGACATACCTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
DB CTGCAGGCGTCAGCCAGGTCATTGACAGACACAGGTCGCAATGCATGCGTACAG 1283
QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
DB GGGAAGCTCACCGAAGATGATGTGTGCAAGCATCCCGAAGGGGTGTGACACCTGCG 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnThrIleValIleGlyIle 401
DB CAGGGTGCACAGTGTGGGCGCTGATGTACCATCTGACAGTGGCATGTGTGGGCTTC 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
DB GTTAGCTGGGCTATAGCTGTGGGGGCGCGAGCACCCGAGAGTATACACCAAGGTCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTyrPheAlaGluLeu 435
DB 1464 GCCTATCTCAACTGATCTACATGCTCTGAAAGCTGAGCTG 1505
RESULT 183
US-10-063-567-111
; Sequence 111, Application US/10063567
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerltzen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Auecia L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230P1C1
; CURRENT APPLICATION NUMBER: US/10/063,567
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 111
; NUMBER OF SEQ ID NOS: 170
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-567-111
Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1
US-10-803-530-2 (1-435) x US-10-063-567-111 (1-2063)
QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21

DB 219 GATCTGACAGATGATCAACCTTCAACAGCGCTCATATGCAAAACCCCTGCCAAACCCCGT 278
QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
DB ATCCCATGAGAGACCTTCAGAAAGGTGGGATCCCATCATCATATGACATTAAGCGCTG 338
QY 42 AlaSerIleIleIleValAlaValLeuIleLysValIleLeuAspLysTyrTyrPheLeu 61
DB GCGAGTATCATCATTTGGTGTGTCTTCATCAAGGTGATTCGTGATTAATCTACTTCCCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGluLeuCysAspGlyGluLeuAspCys 81
DB TGCGGAGCGCTTCCCATCTTCATCCGAGGAAACAGCTGTGTACGAGAGCGTGCAGCTGT 458
QY 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
DB CCCTTGGGGAGGACGAGGAGCATCTGTGTCAAGAGCTTCCCGAAGGCGCTGCAGTGGCA 518
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
DB GTCCGCTTCCCAAGACCATCACAATGCAAGTGTGAACTGGCACTGGCCACAGGAACTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
DB TTCTGTGCTGTTTGCACAACTTCACAGAAAGCTTCGTGAGACAGCTGTGAGCGCATG 638
QY 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
DB GCGTTACAGC-----AGAGCTGTGAGAAATGTGGCGCCACAGAACTGTGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnLeuArgMetArgAsnSerSerGlyProCys 181
DB GTTGTGAATATCAGAAACAGCAGAGAGCTTGCATGCCAACTCAAGTGGCCCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
DB CTCTCAGGCTCCCTGTGTCTCCCTGCATCTGTGCTGTGGAGAAAGCTGAAACCCCG 803
QY 202 ArgValAlaGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
DB CGGTGTGGGTGGGAGAGAGAGCGCTCTGTGATTTCTTGGCCCTTGGCAGAGTCATCAG 863
QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisIleThrAla 241
DB TACGACAAACAGCAGCTCTGTGAGAGGAGCATCTGCAGCCCGCATCGGTCTCAGCGCA 923
QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTrpLysValAlaGlySerAsp 261
DB GCCCATCTCTTCAGAGAAACATACCGATGTGTCAACTGAGGAGGTGGCGGAGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAspPro 281
DB AAACGGGCAAGCTTCCCATCCCTGGCTGTGGCCAGATCATCATTAATCAATCAACCCC 1043
QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
DB ATGTATCCCCCAAGACATAGATCATGCGCTTCATGAAGCTGCAGTTCCCATCTACTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluLeuThrProAlaThrPro 321
DB GGCAAGTCAGAGCCCATCTGTCTCCCTCTTTATATAGAGGCTCATCCAGCCACCCCA 1163
QY 322 LeuThrIleIleGlyTyrPglPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
DB CTCTGATCATTTGATGGGGCTTTTACAGAGCATGAGGAGGAGATGCTGACATACCTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
DB CTGCAGGCGTCATCTGATGATGACACACAGGTCGCAATGCATGCGTACAG 1283
QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381

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Db      1284 GGGAGAGTCACCGAAGATGATGTGACGACATCCCGAAGGGGGTGTGGACACCTGC 1343
Qy      382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTTPHISValValGlyIle 401
Db      1344 CAGGGTGCAGGTGGGGCCCCCTGATGTACCAATGTACAGAGTGGCAGTGTGGGCATC 1403
Qy      402 ValSerTPGlyTyrGlyCyseGlyGlyProSerThrProGlyValIlyThrIysValSer 421
Db      1404 GTTACCTGGGGCTATGCTGCGGGGGCCCCGAGACCCCGAGAGTATACCAAGGCTCTCA 1463
Qy      422 AlaTyrLeuAsnTrpIleTyrAsnValIlyIlyValIleGluLeu 435
Db      1464 GCTTATCTCACTGATCTACAAATGTCTGGAAGGCTGAGCTG 1505

RESULT 184
US-10-063-568-111
; Sequence 111, Application US/10063568
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,568
; PRIOR FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-568-111

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-568-111 (1-2063)
Qy      2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIlyProLeuArgIlyProArg 21
Db      219 GATTCCTGACAGTGAACCTCTGAAACAGCTCGATGCAAAACCCCTGGCAAAACCCCTG 278
Qy      22 IleProMetGlnThrPheArgIlyValGlyIleProIleIleIleIleIleIleIle 41
Db      279 ATCCCCATGGAACCTTTCGAAAGGGGGATCCCCCATCATCATATGACCTACCTGAGCTG 338
Qy      42 AlaSerIleIleIleValValIleValIleValIleValIleLeuAspIlyTyrPheLeu 61
Db      339 GCGAGTATATCATTTGTGTGTCTCTCATCAAGGATCTTGTGAATTAATCTACTTCTTC 398
Qy      62 CyseGlyGlnProLeuHisPheIleProArgIlyGlnLeuCyseAspGlyGlyLeuAspCyse 81
Db      399 TCGGGGAGAGCTCTCCACTTCAATCCGAGGAAGAGAGCTGTGACGAGAGCTGAGCTGT 458
Qy      82 ProLeuGlyGlyAspGlnGlnIleHisCyseValIlySerPheProGlnGlyProAlaValAla 101
Db      459 CCGTTGGGGAGAGACGAGAGACCTGTGTCTCAAGAGCTTCCCGAAGGAGCTGCAAGTGGCA 518
Qy      102 ValArgLeuSerIlyAspArgSerThrLeuGlnValIleAspSerAlaThrGlyAsnTrp 121
Db      519 GTCCGCTCTCCAAAGACCGATCCACATGCAAGGTCTGTGACTCGGCCCAAGGAACTGG 578

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Qy      122 PheSerAlaCysePheAspAsnPheThrGlyValAlaLeuAlaGlnThrAlaCyseArgIleMet 141
Db      579 TTCTCTGCTGCTTTTCGACAACTTTCAGAGAGCTCTCGGTGAGACAGCTGTAGGCAATG 638
Qy      142 GlyTyrSerSerIlyProThrPheArgAlaValGlyIleGlyProAspGlnAspLeuAsp 161
Db      639 GGTACAGC-----AGAGCTGTGAGATTTGGCCCAAGCAGAGATCTGTGAT 683
Qy      162 ValValGlnIleThrGlnAsnSerGlnGluLeuArgMetAspAsnSerSerGlyProCyse 181
Db      684 GTTGTGAAATCAGAAAGAAACAGAGAGGCTTGCAATGCCAACTCAAGTGGGCTCTGT 743
Qy      182 LeuSerGlySerLeuValSerLeuHisCyseLeuAlaCyseGlyIlySerIleIlyThrPro 201
Db      744 CTCTCAGGCTCCCTGCTGTCTCTGCACTGTCTTGCCTGTGGGAAGAGCTGAAAGCCCCC 803
Qy      202 ArgValValGlyGlyGlnIleAlaSerValAspSerTrpProTyrGlnValSerIleGln 221
Db      804 CGTGTGGTGGGTGGGAGAGAGGCTCTGTGTGATTTCTTGGCTTGGCAGGTGAGATTCAG 863
Qy      222 TyrAspIlyGlnHisValCyseGlyGlySerIleLeuAspProHisIleThrValLeuThrAla 241
Db      864 TACGACAAACAGCAGCTGTGTGAGGAGCATCTGAGACCCCACTGGGCTCTCAAGGCA 923
Qy      242 AlaHisCysePheArgIlySerIleThrAspValPheAsnTrpIlyValArgAlaGlySerAsp 261
Db      924 GCCACCTGCTTCAGAAACATACCGATGTGTTCACCTGGAAGGTGCGGGAGGCTCAGAC 983
Qy      262 LysLeuGlySerPheProSerLeuAlaValAlaIlySerIleIleIleIleGlyIlePheAsnPro 281
Db      984 AAACGGGCACTTCCCATCTCCCTGGCTGTGGCAAGATCATCATATGAATTCAACCCC 1043
Qy      282 MetTyrProIlyAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db      1044 ATGTACCCCAAGCAATGACATGCGCTCATGAAAGCTGCAAGTCCCACTCATTTCTCA 1103
Qy      302 GlyThrValArgProIleCyseLeuProPhePheAspGlnGluLeuThrProAlaThrPro 321
Db      1104 GGCACAGTCAAGCCCATGTGTCTGCTCTTCTTTGATGAGAGCTCATCTCAGACCCCA 1163
Qy      322 LeuTrpIleIleGlyTyrGlyPheThrIlyGlnAsnGlyIlyLysMetSerAspIleLeu 341
Db      1164 CTCTGATCATTTGATGGGGCTTTTACAGAGCAATGAGAGGAGATGTCTGACATACTG 1223
Qy      342 LeuGlnAlaSerValGlnValIleAspSerThrArgCyseAsnAlaAspAlaIlyGln 361
Db      1224 CTGCAAGCGGTCACTTCAGATTCATTCAGACACACGCTGCATATGACAGAGATGCGTACAG 1283
Qy      362 GlyGlyValThrGlnLysMetMetCyseAlaGlyIleProGlnGlyIlyValAspThrCyse 381
Db      1284 GGGAGAGTCACCGAAGATGATGTGTGACAGCATCCCGAAGGGGGGTGTGGACACCTGC 1343
Qy      382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTTPHISValValGlyIle 401
Db      1344 CAGGGTGCAGGTGGGGCCCCCTGATGTACCAATGTACAGAGTGGCAGTGTGGGCATC 1403
Qy      402 ValSerTPGlyTyrGlyCyseGlyGlyProSerThrProGlyValIlyThrIysValSer 421
Db      1404 GTTACCTGGGGCTATGCTGCGGGGGCCCCGAGACCCCGAGAGTATACCAAGGCTCTCA 1463
Qy      422 AlaTyrLeuAsnTrpIleTyrAsnValIlyIlyValIleGluLeu 435
Db      1464 GCTTATCTCACTGATCTACAAATGTCTGGAAGGCTGAGCTG 1505

RESULT 185
US-10-063-569-111
; Sequence 111, Application US/10063569
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey

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/ APPLICANT: Godowski, Paul J.
 / APPLICANT: Grimaldi, Christopher J.
 / APPLICANT: Gurney, Austin L.
 / APPLICANT: Matanabe, Colin K.
 / APPLICANT: Wood, William I.
 / TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 / FILE REFERENCE: P323081C1
 / CURRENT FILING DATE: 2002-05-02
 / PRIOR APPLICATION NUMBER: US/10/063,569
 / NUMBER OF SEQ ID NOS: 170
 / SEQ ID NO 111
 / LENGTH: 2063
 / TYPE: DNA
 / ORGANISM: Homo Sapien
 / US-10-063-569-111

Alignment Scores:

Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-569-111 (1-2063)

QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
 Db 219 GATCCGACGATGATCACTCTGAAACGCTCGAGTCAACCCCTGGCAAAACCCCGT 278
 QY 22 LLeProMetGluThrPheArgLysValGlyLeuProIleIleAlaLeuLeuSerLeu 41
 Db 279 ATCCCATGAGACCTTCAGAAAGTGGGATCCCATCATATAGCACTAGAGCTTG 338
 QY 42 AlaSerIleIleIleValValLeuLeuIleValIleLeuAspLysTyrTyrPheLeu 61
 Db 339 GCGAGTATATCATGTGTGTCTCTCATCAAGGTGATTCGAAATTAATTAATTAATTCCTC 398
 QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuGlyAspGlyGlnLeuAspCys 81
 Db 399 TCCGGGCGAGCTCTCCACTTCACTCCGAGAAAGCAAGCTGTGTGAGGAGAGCTGACTGT 458
 QY 82 ProLeuGlyGlnAspGlyGlnHisCysValLysSerPheProGlyGlnProAlaValAla 101
 Db 459 CCTTGGGGAGAGCAAGAGCACTGTCAAGAGCTTCCCGAAGGGCTCGAGTGGCA 518
 QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTyr 121
 Db 519 GTCCGCTCTCCAGAGACCGATCCACACTGCAAGGTGCTGAGCTCGGCGACAGGGAAGTGG 578
 QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnThrAlaCysArgGlnMet 141
 Db 579 TTCCTGTGCTGTTTGCACACTTCACAGAAAGCTTCCTGTAGAGACGCTGTAGGCGAGT 638
 QY 142 GlyTyrSerSerLysProThrPheArgAlaValGlnIleGlyProAspGlnAspLeuAsp 161
 Db 639 GGCCTACAGC-----AGAGCTGTGAGATTGGCCACAGCCAGACTGTGAGT 683
 QY 162 ValValGlnIleThrGlnAsnSerGlnGlnLeuArgMetArgAsnSerSerGlyProCys 181
 Db 684 GTTCTTAATAATCAAGAAACAGCCAGAGCTTCGATTCGGAATCTCAAGTGGGCCCTGT 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
 Db 744 CTCTCAAGGCTCCGCTGCTCTGCACTGTCTGCGCTGTGGAAAGAGCTCAAGAGACCCC 803
 QY 202 ArgValValGlyGlyGlnGlnAlaSerValAspSerTyrProGlnValSerIleGln 221
 Db 804 CGTGTGGTGGTGGAGAGAGGCTCTGTGGATTCTTGGCTTGGAGGATCCGATCCAG 863
 QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTyrValLeuThrAla 241

Db 864 TACGCAAAACGACGCTGTGGAGAGAGCAATCTTGACCCCACTGGGTCTCCACGGCA 923
 QY 242 AlaHisCysPheArgLysHisThrAspValPheAsnTyrLysValArgAlaGlySerAsp 261
 Db 924 GCCCACTGCTTCAGAAACATACCGATGTGTTCATCTGAAAGGTGCGGAGGCTCAGAC 983
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGlnPheAsnPro 281
 Db 984 AACTGGGACGCTTCCATCTCTGGCTGTGGCCAAAGTCAATCATTTCAATTCACACCC 1043
 QY 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 Db 1044 ATGTACCCCAAAAGACATGACATCGCCCTCATAGAGCTGAGTCCCACTCACTTCTCA 1103
 QY 302 GlyThrValArgProIleCysLeuProPhePheAspGlnGlnLeuThrProAlaThrPro 321
 Db 1104 GGCACAGTCAGGCCCATCTGTCTGCTCTCTTGTGATGAGAGACTCACTCAACCCCA 1163
 QY 322 LeuThrIleIleGlyTyrGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
 Db 1164 CTCTGATCATTTGGATGGGCTTTACAAAGCAAGATGGAGAGATGTCTGACTGACTCTG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
 Db 1224 CTGACGCGCTCACTCCAGGTCAATTCGACACACACGCGTCAATGACAGATCCGTAACAG 1283
 QY 362 GlyValThrGlnLysMetMetCysAlaGlyIleProGlnGlyValAspThrCys 381
 Db 1284 GGGAGATCAACGAGAAAGATGATGTGTGAGGACATCCGGAAGGGGGTGTGAGACCTGC 1343
 QY 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTyrPheValGlyTyr 401
 Db 1344 CAGGTGACAGATGTGGGCTTGTGATGATCAATTCGACAGTGCATGTGTGGCATTC 1403
 QY 402 ValSerThrGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
 Db 1404 GTTACGTGGGCTATGGCTGCGGGGGCCCGAGCACCCGAGATGATACCAAGGTCTCA 1463
 QY 422 AlaTyrLeuAsnTyrIleTyrAsnValTyrLysAlaGlnLeu 435
 Db 1464 GCCTATCTCACTGATCTCAAGATCTCGAAGGCTGAGCTG 1505

RESULT 186
 US-10-063-570-111
 / Sequence 111, Application US/10063570
 / GENERAL INFORMATION:
 / APPLICANT: Baton, Dan L.
 / APPLICANT: Filvaroff, Ellen
 / APPLICANT: Gerritsen, Mary E.
 / APPLICANT: Goddard, Audrey
 / APPLICANT: Godowski, Paul J.
 / APPLICANT: Grimaldi, Christopher J.
 / APPLICANT: Gurney, Austin L.
 / APPLICANT: Matanabe, Colin K.
 / APPLICANT: Wood, William I.
 / TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 / FILE REFERENCE: P323081C1
 / CURRENT APPLICATION NUMBER: US/10/063,570
 / PRIOR APPLICATION NUMBER: 2002-05-02
 / NUMBER OF SEQ ID NOS: 170
 / SEQ ID NO 111
 / LENGTH: 2063
 / TYPE: DNA
 / ORGANISM: Homo Sapien
 / US-10-063-570-111

Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0

Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-570-111 (1-2063)

QY 2 AspProApSerApGlnProLeuAnsSerLeuApVallyPProLeuArglyPProArg 21
 DB 219 GATCTGACAGTGAATCAACCTCTGAACAGCTCGATGCAAAACCCCTGCGAAACCCCGT 278
 QY 22 IleProMetGluThrPheArglyValGlyIleProIleIleIleIleLeuSerLeu 41
 DB 279 ATCCCAAGAGACCTTCAAGAAAGGTGGAGATCCCAATCATATGACATCTAGAGCTTG 338
 QY 42 AlaserIleIleIleValIleValIleuIleValIleuApVallyIleuApVallyTyPheLeu 61
 DB 339 GCGAGTATCATTTGTGTGTCTCTCATCAAGGTATTCGATTAATACTACTCTCTC 398
 QY 62 CysGlyGlnProLeuHisPheIleProArglyGlnLeuGlyAspGlyGlnLeuAspCys 81
 DB 399 TGGGGGAGCCTCTCCATCTTCAATCCGAGAGAGAGCTGTGTGACGGAGAGCTGACTGT 458
 QY 82 ProLeuGlyGlnAspGlyGlnHisGlyValIleSerPheProGlyGlyProAlaValAla 101
 DB 459 CCTTGGGGGAG 518
 QY 102 ValArgLeuSerIleAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
 DB 519 GTCCGCTCTCCAG 578
 QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGluThrAlaCysArgGlnMet 141
 DB 579 TTCTCTGCTGTTTGAACAATTCACAGAGCTCTGCTGAGAGAGAGAGAGAGAGAGAGAGAG 638
 QY 142 GlyTyPheSerIlePheThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
 DB 639 GCGTACAGC-----AGAGCTGTGAGATTTGGCCAGACAGAGATCTGAT 683
 QY 162 ValValGluIleThrGlnAsnSerGlnGlnLeuGlnMetArgAsnSerGlyProCys 181
 DB 684 GTTGTGTAATCAACGAAACAG 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyTyPheSerLeuThrPro 201
 DB 744 CTCTAGAGCTCTCTGCTCTCTCTGCACTGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 803
 QY 202 ArgValIleGlyGlyGlnIleValIleSerValIleSerTrpProTrpGlnValSerIleGln 221
 DB 804 CCGT 863
 QY 222 TyrAspIleGlnHisValIleCysGlyGlySerIleLeuAspProHisIleTrpValIleThrAla 241
 DB 864 TACGACAAACAGACAGTGTGTGAG 923
 QY 242 AlaHisCysPheArglyHisIleThrAspValIlePheAsnTrpValIleArgAlaGlySerAsp 261
 DB 924 GCCACCTGCTTCAAGAAACATACCAATGTGTCAATGTGAAGGTGTGGGAGAGAGAGAGAGAG 983
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaValIleIleIleIleGluPheAsnPro 281
 DB 984 AATCTGGGAGAGCTTCCATCTCTGCTGTGGGAGAGATCATATTAATTAATTAATTAATTAAT 1043
 QY 282 MetTyPProLysAspAsnAspIleAlaLeuMetIleValGlnPheProLeuThrPheSer 301
 DB 1044 ATGTACCCCAAGACATGATCATGCGCTCATGAAGCTGACAGTCTCCATCTCTCTCTCA 1103
 QY 302 GlyThrValIleArgProIleCysLeuProPhePheAspGlnGlnLeuThrProAlaThrPro 321
 DB 1104 GGCACAGTACAGGAG 1163
 QY 322 LeuTrpIleIleGlyTyPheThrIleGlnAsnGlyGlyIleMetSerAspIleLeu 341
 DB 1164 CTCTGATCATTTGATGGGCTTTACGAAGCAGAAATGAGAGAGAGATGTCTGACATACAG 1223

QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAlaTyTrpGln 361
 DB 1224 CTGACAGGCTGACAGTCAAGTATTCAGACAGAGGTGCAATGAGAGAGAGAGAGAGAGAGAG 1283
 QY 362 GlyGluValIleThrGlyMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
 DB 1284 GGGAGAGTCAACGAGAGATGATGTGACAGGATCCCGAAGGGGGGTGTGACACTGCG 1343
 QY 382 GlnGlyAspSerGlyGlyProLeuMetTyPheSerAspGlnTrpHisValIleGlyIle 401
 DB 1344 CAGGTGACAGTGTGTGGGCTGCTGATGATCAATCTGACAGTGTGTGTGTGTGTGTGTGTGTGT 1403
 QY 402 ValSerTrpGlyTyGlyCysGlyGlyProSerThrProGlyValIleThrIleValSer 421
 DB 1404 GTTAGCTGGGCTGTATGTGCTGTGGGGGCGCCGAGCAGCCAGAGATATACCAAGAGTCTCA 1463
 QY 422 AlaTyPheLeuMetTrpIleTyPheAsnValIleTrpValAlaGluLeu 435
 DB 1464 GCTTATCTCACTGATCTCAATGTCTGAGAGAGCTGAGCTG 1505

RESULT 187

US-10-063-577-111
 ; Sequence 111, Application US/10063577
 ; GENERAL INFORMATION:

; APPLICANT: Baton, Dan L.
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gerltsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Macanabe, Colin K.
 ; APPLICANT: Wood, William I.

;; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ;; FILE REFERENCE: P3230R1C1
 ;; CURRENT APPLICATION NUMBER: US/10/063, 577
 ;; CURRENT FILING DATE: 2002-05-03
 ;; Prior Application removed - See File Wrapper or Palm

;; NUMBER OF SEQ ID NOS: 170
 ;; SEQ ID NO 111
 ;; LENGTH: 2063
 ;; TYPE: DNA
 ;; ORGANISM: Homo Sapien

US-10-063-577-111

Alignment Scores:

Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-577-111 (1-2063)

QY 2 AspProApSerApGlnProLeuAnsSerLeuApVallyPProLeuArglyPProArg 21
 DB 219 GATCTGACAGTGAATCAACCTCTGAACAGCTCGATGCAAAACCCCTGCGAAACCCCGT 278
 QY 22 IleProMetGluThrPheArglyValGlyIleProIleIleIleIleLeuSerLeu 41
 DB 279 ATCCCAAGAGACCTTCAAGAAAGGTGGAGATCCCAATCATATGACATCTAGAGCTTG 338
 QY 42 AlaserIleIleIleValIleValIleuIleValIleuApVallyIleuApVallyTyPheLeu 61
 DB 339 GCGAGTATCATTTGTGTGTCTCTCATCAAGGTATTCGATTAATACTACTCTCTC 398
 QY 62 CysGlyGlnProLeuHisPheIleProArglyGlnLeuGlyAspGlyGlnLeuAspCys 81
 DB 399 TGGGGGAGCCTCTCCATCTTCAATCCGAGAGAGAGAGCTGTGTGACGGAGAGCTGACTGT 458

QY 82 ProLeuGlyGluAAspGluGluHisCysValIysSerPheProGluGlyProAlaValAla 101
Db 459 CCCTTGGGGAGAGCGAGAGCACTGTGTCAAGAGCTTCCCGAAGGGCCCTGCAGTGGCA 518
QY 102 ValArgLeuSerIysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTCCAAAGAGACCGATGCCACTGAGGTGTGGACTCGGCCACAGGAATCG 578
QY 122 PheSerIlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrIlaCysArgGlnMet 141
Db 579 TTCCTGCTGTTTGCACCACTTCCAGAACTCTCGCTGAGACAGCTGTAGGACGATG 638
QY 142 GlyTyrSerSerIysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCTACAGC-----AAGAGCTGTGAGATTGGCCCAACAGACGATCTGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnIleuArgMetArgAsnSerGlyProCys 181
Db 684 GTTGTGAATTCACAGAAACAGCCAGAGCTTCGATGGGAACTCAAGTGGCCCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysGluValCysGlyIysSerLeuIysThrPro 201
Db 744 CTCTCAGGCTCCCTGCTCTCCCTGCACCTGTCTGCTGTGGAGAGCTGAAGACCCCC 803
QY 202 ArgValValGlyGlyGluGluIlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db 804 CGTGTGTGGGTGGGAGAGAGCTCTGTGATTTCTTGACCTTGGAGGTCCAGATCCAG 863
QY 222 TyrAspIysGlnHisValCysGlyIysSerIleLeuAspProHisTrpValLeuThrAla 241
Db 864 TACGACAAACAGACCTGTGTGAGGAGACATCTGCAGCCCACTGGGTCTCCACGGCA 923
QY 242 AlaHisCysPheArgIysPheHisThrAspValPheAsnTrpIlaValArgAlaGlySerAsp 261
Db 924 GCCCAGCTGTTCAGGAACATACCAATGTGTCACTGGAAGGTCCGGGACGCTCAGAC 983
QY 262 IysLeuGlySerPheProSerLeuAlaValAlaIleIleIleGluPheAsnPro 281
Db 984 AAACAGGGAGCTTCCCATCCCTGTGCTGGCTGGCCAAAGATCATATATTAATCAACCCC 1043
QY 282 MetTyrProIysAspAsnAspIleAlaLeuMetIysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGAAATGACATGCCCTCATGAAGCTGCAGATTCCCATCTTCATCA 1103
QY 302 GlyThrValAspProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
Db 1104 GGCAAGTCAAGGCCCATCTGTCTGCCCTTCTTGTATGAGAGCTCACCTCCAGCCCA 1163
QY 322 LeuTrpIleIleGlyTrpGlyPheThrIysGlnAsnGlyIysIysMetSerAspIleLeu 341
Db 1164 CTCTGATCATTTGATGGGGCTTTTACAGACGAATGAGGGAAGATGTCTGACATCTG 1223
QY 342 LeuGlnIlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGCAAGGGGTAGTCAAGTCAATTGACAGCACAGGTGCATATGACAGATGCGTACAG 1283
QY 362 GlyIleuValThrGluIysMetMetCysAlaGlyIleProGluGlyIysValAspThrCys 381
Db 1284 GGGGAAGTCAAGGAGAGATGATGTGCAGGCAATCCCGAAGGGGTGTGGACACTGTC 1343
QY 382 GlnIlaAspSerGlyIysProLeuMetTyrGlnSerAspGlnTrpHisValIlaGlyIle 401
Db 1344 CAGGGTGAAGTGTGGGGCCCTGATGTACCAATCTACAGTGGCAATGTGGTGGGATC 1403
QY 402 ValSerTrpGlyIysGlyCysGlyIysProSerThrProGlyValIysThrIysValSer 421
Db 1404 GTTAGCTGGGGCTATATGCTGGGGGGCCGAGCACCCAGAGATATACCAAGGTCTCA 1463
QY 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpIysAlaGluLeu 435
Db 1464 GCCATCTCAACTGATCTTACAAATGTCTGGAAGGCTGAGCTG 1505
RESULT 188

US-10-063-578-111
; Sequence 111, Application US/10063578
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerltzen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P323081C1
; CURRENT APPLICATION NUMBER: US/10/063, 578
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-578-111
Alignment Scores:
Pred. No.: 0
Score: 2297.50
Percent Similarity: 98.85%
Best Local Similarity: 98.85%
Query Match: 98.10%
DB: 40
Gaps: 1
US-10-803-530-2 (1-435) x US-10-063-578-111 (1-2063)
QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIysProLeuArgIysProArg 21
Db 219 GATCTGAGACAGATCAACCTCTGAACAGCTCGATGTCAAAACCTTCGGAAACCCCT 278
QY 22 IleProMetGluThrPheArgIysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
Db 279 ATCCCATGAGAACCTTCAAGAAAGTGGGAGATCCCATCATCATATGCACTAGGCTGT 338
QY 42 AlaSerIleIleIleValValLeuIleIysValIleLeuAspIysTyrTyrPheLeu 61
Db 339 GCGAGTATCATATTGTGTGTCTCTCATCAAGGATTTCTGATTAATTAATTAATCTCT 398
QY 62 CysGlyGlnProLeuHisPheIleProArgIysGlnLeuCysAspGlyGluLeuAspCys 81
Db 399 TCGGGCAGCCCTTCACCTTCAATCCCGAAGAGCTGTGTGACGAGAGCTGACTGT 458
QY 82 ProLeuGlyGluAAspGluGluHisCysValIysSerPheProGluGlyProAlaValAla 101
Db 459 CCCTTGGGGAGAGCGAGAGCACTGTGTCAAGAGCTTCCCGAAGGGCCCTGCAGTGGCA 518
QY 102 ValArgLeuSerIysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTCCAAAGAGACCGATGCCACTGAGGTGTGGACTCGGCCACAGGAATCG 578
QY 122 PheSerIlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrIlaCysArgGlnMet 141
Db 579 TTCCTGCTGTTTGCACCACTTCCAGAACTCTCGCTGAGACAGCTGTAGGACGATG 638
QY 142 GlyTyrSerSerIysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCTACAGC-----AAGAGCTGTGAGATTGGCCCAACAGACGATCTGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnIleuArgMetArgAsnSerGlyProCys 181
Db 684 GTTGTGAATTCACAGAAACAGCCAGAGCTTCGATGGGAACTCAAGTGGCCCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysGluValCysGlyIysSerLeuIysThrPro 201

Db 744 CTCACAGCTCCCTGCTCTCCCTGCACTGCTGCTGGAAGAGCTGAGACCC 803
 QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTglnValSerIleGln 221
 Db 804 CGTGTGGGTGGGAGAGAGCCCTGTGTGATCTTGTGCTGAGCTGACGATCCAG 863
 QY 222 TyrAspLysGlnHisValCysGlyCysSerIleLeuAspProHisTrpValIleuThrAla 241
 Db 864 TACGACAAACAGCAGCTGTGTGAGAGAGCATCTCGACCCCACTGGGTCTCTCAAGCA 923
 QY 242 AlaHisCysPheArgLysHisIleThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
 Db 924 GCCACCTGCTTCAGGAAACATACCATGTGTCACTGAAAGTCCGAGCTCCAGAC 983
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
 Db 984 AAACCTGGCAGCTTCCATCCCTGCTGTGGCAAGATCATCATTAATTAATCAACCCC 1043
 QY 282 MetTrpProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 Db 1044 ATGTACCCCAAGACATGACATGCGCCCTCATGAAAGTCCAGTCCACTCTTCTCA 1103
 QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
 Db 1104 GGCACAGTCAAGGCCATCTGTCTGCTTCTTGTGATGAGAGCTCACTCCAGCCACCCA 1163
 QY 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyLysMetSerAspIleLeu 341
 Db 1164 CTCTGATCATTTGATGGGGCTTTACGAAGCAGATGAGGGGAGATGTCTGACACTACTG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAlaLysGln 361
 Db 1224 CTGACGGGTGACGTCAAGTCAATGACAGACACCGGTGCAATGACCATGCTTACAG 1283
 QY 362 GlyGluValThrGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
 Db 1284 GGGGAACTCACCGAAGAATGATGTGTGAGGCACTCCGGAAGGGGTGTGACACCTGC 1343
 QY 382 GlnGlyAspSerGlyGlyProLeuMetCysGlnSerAspGlnTrpHisValGlyIle 401
 Db 1344 CAGGTGACAGTGTGGGCCCTGTGATGTACCAATGTGACAGTGTGATGTGTGGGACTC 1403
 QY 402 ValSerTrpGlyTrpGlyCysGlyGlyProSerThrProGlyValIleThrLysValSer 421
 Db 1404 GTTACTGGGTATGTGCTGCGGAGCCGAGACACCCCAAGATTAACCAAGGTCTCA 1463
 QY 422 AlaTrpLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
 Db 1464 GCCTATCTCACTGATCTACAAATGTCTGGAAGGCTGAGCTG 1505
 RESULT 189
 US-10-063-579-111
 ; Sequence 111, Application US/10063579
 ; GENERAL INFORMATION:
 ; APPLICANT: Baton, Dan L.
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gerlitsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE OF INVENTION: ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P3230R1C1
 ; CURRENT APPLICATION NUMBER: US/10/063,579
 ; PRIOR FILING DATE: 2002-05-03
 ; NUMBER OF SEQ ID NOS: 170
 ; SEQ ID NO 111
 ; LENGTH: 2063
 ; TYPE: DNA

; ORGANISM: Homo Sapien
 US-10-063-579-111
 Alignment Scores:
 Pred. No.: 0
 Score: 2297.50
 Percent Similarity: 98.85%
 Best Local Similarity: 98.85%
 Query Match: 98.10%
 DB: 40
 Gaps: 1
 Length: 2063
 Matches: 429
 Conservative: 0
 Mismatches: 5
 Indels: 1
 US-10-803-530-2 (1-435) x US-10-063-579-111 (1-2063)
 QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
 Db 219 GATCTGACAGTATCAACCTCTGACAGCTTCATGATGCAAAACCTTCGCAAAACCCGT 278
 QY 22 IleProMetGluThrPheArgLysValGlyIleProIleIleIleAlaLeuSerLeu 41
 Db 279 ATCCCATGAGACCTTCAGAAAGTGGGAGATCCCATCATCATATGACATCTAGGCTG 338
 QY 42 AlaSerIleIleIleValValIleValIleValIleValIleValIleValIleValIle 61
 Db 339 GCGAGTATCATATGTGTGTCTCTCATCAAGGTGATTTGAGTAATTAATTAATTAATTA 398
 QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyLysLeuAspCys 81
 Db 399 TGGGGAGAGCTCTCACTTATCCAGAGAGAGCTGTGTGACAGAGAGCTGACTGT 458
 QY 82 ProLeuGlyLysAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
 Db 459 CCTTGGGGAG 518
 QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
 Db 519 GTCCGCTCTCCAG 578
 QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGluThrAlaCysArgGlnMet 141
 Db 579 TTCTGTGCTGTTCACAACTTCAACAGAGCTTCGCTGACAGAGCTGTGAGAGAGAGAG 638
 QY 142 GlyTrpSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
 Db 639 GCGTACAGC-----AGAGCTGTGAGAGATGGGCCAGACAGAGATCTGAT 683
 QY 162 ValValGluIleThrGluAsnSerGlnGluLeuMetCysGlnSerSerGlyProCys 181
 Db 684 GTTGTGAAATCACAGAAACAGCAGAGAGCTTCGACAGAGAGAGAGAGAGAGAGAGAG 743
 QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuThrPro 201
 Db 744 CTCTAGGCTCCCTGTGTCTCCCTGCACTGTCTGTGCTGTGAGAGAGAGAGAGAGAGAG 803
 QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTglnValSerIleGln 221
 Db 804 CGTGTGGGTGGGAG 863
 QY 222 TyrAspLysGlnHisValCysGlyCysSerIleLeuAspProHisTrpValIleuThrAla 241
 Db 864 TACGACAAACAGCAGCTGTGTGAGAGAGCATCTCGACCCCACTGGGTCTCTCAAGCA 923
 QY 242 AlaHisCysPheArgLysHisIleThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
 Db 924 GCCACCTGCTTCAGGAAACATACCATGTGTCACTGAAAGTCCGAGCTCCAGAC 983
 QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
 Db 984 AAACCTGGCAGCTTCCATCCCTGCTGTGGCAAGATCATCATTAATTAATCAACCCC 1043
 QY 282 MetTrpProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
 Db 1044 ATGTACCCCAAGACATGACATGCGCCCTCATGAAAGTCCAGTCCACTCTTCTCA 1103

QY	302	GIYlThValArgProIleCysLeuProPheAspGluLeuLeuthrProalatrPro	321
Db	1104	GGCAAGTCAGGGCCCATCTGTCGCCCTTCTTGATGAGGACTCATCCAGCACCCCA	116
QY	322	LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu	341
Db	1164	CTCTGATATCATTTGGATGGGGCTTTTACGAAGCAAGATGAGGGGAAGTGTCTGACATACG	122
QY	342	IeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrysin	361
Db	1224	CTGCAGGCGCTCAGTCCAGGTCATTTGACACACACGCTGCATATGCACACATGCTTCCAG	128
QY	362	GIYGIuValThnGluLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys	381
Db	1284	GGGGAAGTACCCGAGAGAAATGATGTGTGACGAGCATCCCGAAGGGGGTGTGGACACCTCG	134
QY	382	GlnGlyAspSerGlyGlyProLeuMetTryGlnSerAspGlnTrpHisValValGlyIle	401
Db	1344	CAGGCTGACAGTGGTGGGCCCTTGATGTRCAATCTGACACATGGCATGTGGTGGGCAATC	140
QY	402	ValSerTrpGlyTyTrGlyCysGlyGlyProSerThrProGlyValTyTrThrLysValSer	421
Db	1404	GTTAGCTGGGCTATAGGCTGGCGGGGCCCGAGCACCCACGAGAGTATACACCAAGTCTCA	146
QY	422	AlaTyLeuAsnTrpIleTryAsnValTrpLysAlaGluLeu	435
Db	1464	GCTTATCTCAACTGGATCTTACCAATATCTGGAAAGGCTGAGCTG	1505

```

RESULT 190
US-10-063-580-111
/ Sequence 111, Application US/10063580
/ GENERAL INFORMATION:
/ APPLICANT: Eaton, Dan L.
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Geritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Matanabe, Colin K.
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ TITLE OF INVENTION: ACIDS ENCODING THE SAME
/ FILE REFERENCE: P3230R1C1
/ CURRENT APPLICATION NUMBER: US/10/063,580
/ CURRENT FILING DATE: 2002-05-03
/ PRIOR APPLICATION NUMBER: 60/063435
/ PRIOR FILING DATE: 1997-10-29
/ PRIOR APPLICATION NUMBER: 60/064215
/ PRIOR FILING DATE: 1997-10-29
/ PRIOR APPLICATION NUMBER: 60/082797
/ PRIOR FILING DATE: 1998-04-22
/ PRIOR APPLICATION NUMBER: 60/083455
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/085579
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/087759
/ PRIOR FILING DATE: 1998-06-02
/ PRIOR APPLICATION NUMBER: 60/088021
/ PRIOR FILING DATE: 1998-06-04
/ PRIOR APPLICATION NUMBER: 60/088029
/ PRIOR FILING DATE: 1998-06-04
/ PRIOR APPLICATION NUMBER: 60/088030
/ PRIOR FILING DATE: 1998-06-04
/ PRIOR APPLICATION NUMBER: 60/088734
/ PRIOR FILING DATE: 1998-06-10
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 170
/ SEQ ID NO 111
/ LENGTH: 2063
/ TYPE: DNA
/ ORGANISM: Homo Sapien
US-10-063-580-111

```

Alignment Scores:	
Pred. No.:	0
Score:	2297.50
Percent Similarity:	98.85%
Best Local Similarity:	98.85%
Query Match:	98.10%
DB:	40
Gaps:	1
Length:	2063
Matches:	429
Conservative:	0
Mismatches:	0
Indels:	5
Gaps:	1

US-10-803-530-2 (1-435) X US-10-063-580-111 (1-2063)

QY	2	AAPProApsSeAASgInProLeuAnsSerLeuAspValLysProLeuAArgLysProA	21
Db	219	GAATCTGACAGATGATCAACTCTGACAGACCTGAGTCAAAACCCCTGGCAAAACCCGT	276
QY	22	ILEProMetGluThrPheArgLysValGlyLeProIleIleIleAlaLeuLeuSerLeu	41
Db	279	ATCCCCATGAGAGACTTTCAGAAAGTGGGATCCCATCATATGACATCTAGACTG	333
QY	42	AlaSerIleIleIleValValValLeuIleLysValIleLeuAspLysTyrTyrPheLeu	61
Db	339	GCGAATATCATCATTTGGTTGTCTTCATCAAGAGATCTCGAATAAATACACTTCCTC	398
QY	62	CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGlnLeuAspCys	81
Db	399	TGCGGAGAGCTCTCCACTTCATCCGAGAAAGACACTGTGTGACGAGAGACTGACTGT	458
QY	82	ProLeuGlyGlyuAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla	101
Db	459	CCCTTGGGGAGGACGAGGAGCACTGTGTCAAGACTTCCCGAAGGGCTCGAGTGGCA	518
QY	102	ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp	121
Db	519	GTCGGCCCTCTCCAGGACCGATCACACTGCAAGGTGCGACCTGGCCACAGGAACTGG	578
QY	122	PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet	141
Db	579	TTCTCTCCCTGTTTCGACAACTTCAAGAGCTCTCGTGAAGACGCTGTAGGCAATG	638
QY	142	GlyLysSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp	161
Db	639	GGCTACACGC-----AGAGGTGTGAGATTGGCCACAGCCAGATCTGGAT	683
QY	162	ValValGluIleThrGluAsnSerGlnGluLeuAspMetArgAsnSerSerGlyProCys	181
Db	684	GTTCTTGAATTCACAAAACAGCCAGAGCTGTGCATGCGAACTCAATGTGGCCCTGT	743
QY	182	LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysTrpPro	201
Db	744	CTCTCAGGCTCCCTGTGTCCTCTGCACGTCTTCTCTGTGGAAAGACCTGAAAGACCCC	803
QY	202	ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln	221
Db	804	CGTGTGTGTGGTGGGAGAGAGCCCTCTGTGATTTCTTGCCCTTGGCAGGTCAGCATCCAG	863
QY	222	TyrAspLysGlnHisIleValCysGlyGlySerIleLeuAspProHisIleTrpValLeuThrAla	241
Db	864	TAGACAAACACACGCTCTGTGAGAGAGCATCTGTGAGCCCACTGGGCTCTCAGGGA	923
QY	242	AlaHisCysPheArgLysIleHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp	261
Db	924	GCCCATCGCTTACAGAAACATACGAGTGTGTTCACTGAAAGGTGTGGGCAAGGCTCAGAC	983
QY	262	LysLeuGlyLysPheProSerLeuAlaValAlaLysIleIleIleGlnPheAsnPro	281
Db	984	AAACTGTGGAGCTTCCCATCCCTGTGGTGGCCAAAGTACTCATCTTAATTTCAACCCC	1043
QY	282	MetTyrProLysAspAsnAspIleAlaLeuMetCysLeuGlnPheProLeuThrPheSer	301
Db	1044	ATGTACCCCAAGACATGACATGTGCCCTCATTAAGCTGCAGTTCCCACTTCACTTTC	1103
QY	302	GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro	321

Db 1104 GGACAGTCAGAGCCCATCTGTCGCCCTTTGATGAGAGCTACCTCAGACCCCA 1163
Qy 322 LeuTrpIleIleGlyTrpGlyPheThrIysGlnAsnGlyGlyIysMetSerAspIleu 341
Db 1164 CTCTGATCATTTGATGGGGCTTTACGAAAGAGATGAGAGATGATCTGACATCTG 1223
Qy 342 LeuGlnIAserValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGAGGGGTACAGTCAGATCAATGACAGCACAGGTCAATGACAGAGATGACGATCAG 1283
Qy 362 GlyIysValThrGlnIysMetMetCysAlaGlyIleProGlnGlyGlyValAspThrCys 381
Db 1284 GGGGAGTCACCGAAGATGATGTGTGACAGCATCCCGAAGGGGGTGTGGACACTGC 1343
Qy 382 GlnGlyAspSerGlyGlyIysProIleuMetIysGlnSerAspGlnTrpHisValIle 401
Db 1344 CAGGATGACAGTGGGGCCCTGATGTACCAATCTGACAGTGCATGTGTGGGATC 1403
Qy 402 ValSerTrpGlyTrpGlyCysGlyIysProSerThrProGlyValIleThrIysValSer 421
Db 1404 GTTAGCTGGGCTATGTGCTGGGGGGCCGAGACCCCGAGATATACACCAAGGTCTCA 1463
Qy 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpIysAlaGlnLeu 435
Db 1464 GCCTATCTCACTGATCTACATCTCTGGAAGGCTGAGCTG 1505
RESULT 191
US-10-063-581-111
Sequence 111, Application US/10063581
GENERAL INFORMATION:
APPLICANT: Eaton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerltsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,581
CURRENT FILING DATE: 2002-05-03
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 111
LENGTH: 2063
TYPE: DNA
ORGANISM: Homo Sapien
US-10-063-581-111
Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
Gaps: 1
US-10-803-530-2 (1-435) x US-10-063-581-111 (1-2063)
Qy 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIysProLeuArgIysProArg 21
Db 219 GATCCTGACAGATGATCACTCTGAAACAGCTGATGCAAAACCCCTGGCAAAACCCCT 278
Qy 22 IleProMetGlnThrPheArgIysValIleProIleIleIleIleLeuLeuSerLeu 41
Db 279 ATCCCATGAGACCTTCAAGAAAGGTGGGATCCCATCATCTACACCTACCTGAGCTG 338
Qy 42 AlaSerIleIleIleValIleValIleuIleIysValIleLeuAspIysTyrIlePheLeu 61
Db 339 GCGAGTATCATCTGTGTGTCTCATCAAGGATCTGTGATTAATATCACTTCTCTC 398

Qy 62 CysGlyGlnProLeuHisPheIleProArgIysGlnLeuCysAspGlyGlnLeuAspCys 81
Db 399 TGCCGGAGAGCTCTCCACTTATCCGAGAGAGAGCGTGTGTGACGAGAGCTGACTGT 458
Qy 82 ProLeuGlyGlnAspGlnIleIysCysValIysSerPheProGlnGlyProAlaValAla 101
Db 459 CCTTGGGGGAGAGCAGAGAGCACTGTGTCAAGAGCTTCCCGAAGGGCCCTGAGTGCA 518
Qy 102 ValArgLeuSerIysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTTCCAAAGAACCAATCCACACTGACAGGTGTGAGCTGGCCCAAGGAACTGG 578
Qy 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGlnTrpAlaCysArgGlnMet 141
Db 579 TTCCTGCTCTTTCGACACTTACAGAGCTCTCCGTGAGACAGCTGTAGAGCAAGTG 638
Qy 142 GlyTyrSerSerIysProThrPheArgAlaValIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCTACAGC-----AGAGCTGTGAGATTGGCCCAACAGAGATCTGGAT 683
Qy 162 ValValGlnIleThrGlnAsnSerGlnIleuArgMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTGAAATCAGAGAAACAGACAGAGCTGTGCATGTGAACTCAAGTGGCCCTGT 743
Qy 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyIysSerLeuIleThrPro 201
Db 744 CTCTAGGCTCTCTGATGTCTCTGCTGACCTGTGCTGTGCTGTGGAGAGCTTGAAGACCCC 803
Qy 202 ArgValAlaGlyGlyGlnAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db 804 CGTGTGGTGGGGGAGAGAGCGCTGTGTGATTTCTTGCTGTGGCAGGTGAGCATTCAG 863
Qy 222 TyrAspIysGlnHisValCysGlyIysSerIleLeuAspProHisTrpValLeuThrAla 241
Db 864 TACGACAAACAGACAGTCTGTGAGAGGAGATCTCGACCCCACTGGGCTCTCAAGGCA 923
Qy 242 AlaHisCysPheArgIysHisThrAspValPheAsnTrpIysValArgAlaGlySerAsp 261
Db 924 GCCCATCTCTTCAAGAAACATACCATGTGTCTCACTGAAAGTGGCGGAGGCTCAAGC 983
Qy 262 LysLeuGlySerPheProSerLeuAlaValAlaIysIleIleIleGlnPheAsnPro 281
Db 984 AACCTGGGACGCTTCCATCTCTGCTGTGGCAAGATCATCATGATTAATCAACCCC 1043
Qy 282 MetTyrProIysAspAsnAspIleAlaLeuMetIysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGAACATGATGATGCGCTCATGAGCTGCAAGTTCACCTCACTTCTCA 1103
Qy 302 GlyThrValArgProIleCysLeuProPhePheAspGlnIleuThrProAlaThrPro 321
Db 1104 GGACAGTCAGAGCCCATGTGTGCTCTTCTTGTAGAGAGCTACCTACCCACCCCA 1163
Qy 322 LeuTrpIleIleGlyTrpGlyPheThrIysGlnAsnGlyGlyIysMetSerAspIleu 341
Db 1164 CTCTGATCATTTGATGGGGCTTTACGAAAGAGATGAGAGATGATCTGACATCTG 1223
Qy 342 LeuGlnIAserValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGAGGGGTACAGTCAGATCAATGACAGCACAGGTCAATGACAGATGACGATCAG 1283
Qy 362 GlyIysValThrGlnIysMetMetCysAlaGlyIleProGlnGlyGlyValAspThrCys 381
Db 1284 GGGGAGTCACCGAAGATGATGTGTGACAGCATCCCGAAGGGGGTGTGGACACTGC 1343
Qy 382 GlnGlyAspSerGlyGlyIysProIleuMetIysGlnSerAspGlnTrpHisValIle 401
Db 1344 CAGGATGACAGTGGGGCCCTGATGTACCAATCTGACAGTGCATGTGTGGGATC 1403
Qy 402 ValSerTrpGlyTrpGlyCysGlyIysProSerThrProGlyValIleThrIysValSer 421
Db 1404 GTTAGCTGGGCTATGTGCTGGGGGGCCGAGACCCCGAGATATACACCAAGGTCTCA 1463

Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 170
 ; SEQ ID NO 111
 ; LENGTH: 2063
 ; TYPE: DNA
 ; ORGANISM: Homo Sapien
 US-10-063-583-111

Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-583-111 (1-2063)

QY 2 AAPPPOAASerAaPGLInProleuansSerleuAaPVallyPProleuAaPrgProAa 21
 DB 219 GATCTGAAGTGAATCAACCTCTGAACAGCTCGATGTCMAACCCCTGGCAAAACCCCT 278
 QY 22 ILePmetGluThrPheAaPrgValGlyLeProIleIleIleAaLeuLeuSerleu 41
 DB 279 ATCCCAATGGAACCTTCAGAAAGGTGGGGATCCCATCATCATGACTAGAGCTG 338
 QY 42 ALaSerIleIleIleValIleValIleValIleValIleValIleValIleValIle 61
 DB 339 GCGAATATCATCATGTGTGTCTCTCATCAAGGTGATTCGATTAATACTACTCTCTC 398
 QY 62 CyseGlyInProleuAaPheIleProAaPrgValIleuCyseAaPGLInleuAaP 81
 DB 399 TCGGGAGAGCTCTCACTCAATCCAGAAAGAGCTGTGTGAGAGAGCTGAGACTGT 458
 QY 82 ProleuGlyValAaPGLInGluIleAaCyseValIleSerPheProGluIleProAaVal 101
 DB 459 CCCTTGGGGAG 518
 QY 102 ValAaGleuSerIleAaPrgSerThrIleuGlnValIleuAaPrgSerIleAaPrg 121
 DB 519 GTCCCTCTCTCAAG 578
 QY 122 PheSerAaCysePheAaPrgSerThrIleuAaPrgSerIleAaPrgSerIleAaPrg 141
 DB 579 TTCTGTCTGT 638
 QY 142 GlyTyrSerSerIlePheThrPheAaPrgValIleGlyProAaPrgValIleAaPrg 161
 DB 639 GGCTTACAGC-----AGAGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 683
 QY 162 ValIleGluIleThrIleuAaPrgSerIleuAaPrgSerIleuAaPrgSerIleuAaPrg 181
 DB 684 GTTGTGAATATCAAGAAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 743
 QY 182 LeuSerGlySerIleuValSerIleuAaCyseValIleAaPrgSerIleuAaPrg 201
 DB 744 CTCTCAGAGCTCTCTGTCTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCT 803
 QY 202 AaPrgValIleGlyValIleGluIleAaPrgValIleAaPrgValIleAaPrgValIle 221
 DB 804 CATTGT 863
 QY 222 TyraaPrgGlnIleValIleGlyIleSerIleAaPrgProIleIleValIleuAaPrg 241
 DB 864 TACGACAAACAG 923
 QY 242 ALaAaCysePheAaPrgSerIleuAaPrgValIleAaPrgValIleAaPrgValIle 261
 DB 924 GCCCACTGTCTTCAAGAAACATACCGAGTGTTCACCTGAGAGAGAGAGAGAGAGAGAG 983
 QY 262 LysIleuGlySerPheProSerIleuAaPrgValIleAaPrgValIleAaPrgValIle 281
 DB 984 AAACCTGGAGAGCTTCCCATCTCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1043

QY 282 MetTyrProIleAaPrgSerIleAaPrgValIleAaPrgValIleAaPrgValIleAaPrg 301
 DB 1044 ATGTACCCCAAG 1103
 QY 302 GlyThrValAaPrgProIleCyseValIleAaPrgProIleAaPrgProIleAaPrg 321
 DB 1104 GGCACAGTCAAG 1163
 QY 322 LeuTrpIleIleGlyTyrPGLInPheThrIleuAaPrgValIleAaPrgValIleAaPrg 341
 DB 1164 CTCTGATCATTTGATGAG 1223
 QY 342 LeuGlnAaPrgValIleAaPrgSerThrIleAaPrgValIleAaPrgValIleAaPrg 361
 DB 1224 CTGCAAG 1283
 QY 362 GlyIleValIleThrGlyIleMetCyseAaPrgValIleProGluIleGlyValIleAaPrg 381
 DB 1284 GGGAGAGTCAAG 1343
 QY 382 GlnGlyAaPrgSerGlyIleProleuMetTyrGlnIleAaPrgValIleAaPrgValIle 401
 DB 1344 CAGGTGACAGT 1403
 QY 402 ValSerTyrGlyTyrGlyCyseGlyIleProSerThrProGlyValIleTyrThrIleValSer 421
 DB 1404 GTTACCTGGAGT 1463
 QY 422 AlaTyrLeuAaPrgIleTyrAaPrgValIleTyrAaPrgValIleAaPrgValIleAaPrg 435
 DB 1464 GCTATCTCACTGATCTCAATGTCTGAAGAGCTGAGCTG 1505

RESULT 194
 US-10-063-584-111
 ; Sequence 111, Application US/10063584
 ; GENERAL INFORMATION:
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Matanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; TITLE OF INVENTION: ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P3230R1C1
 ; CURRENT APPLICATION NUMBER: US/10/063,584
 ; CURRENT FILING DATE: 2002-05-03
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 170
 ; SEQ ID NO 111
 ; LENGTH: 2063
 ; TYPE: DNA
 ; ORGANISM: Homo Sapien
 US-10-063-584-111

Alignment Scores:
 Pred. No.: 0 Length: 2063
 Score: 2297.50 Matches: 429
 Percent Similarity: 98.85% Conservative: 0
 Best Local Similarity: 98.85% Mismatches: 0
 Query Match: 98.10% Indels: 5
 DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-584-111 (1-2063)

QY 2 AAPPPOAASerAaPGLInProleuansSerleuAaPVallyPProleuAaPrgProAa 21
 DB 219 GATCTGAAGTGAATCAACCTCTGAACAGCTCGATGTCMAACCCCTGGCAAAACCCCT 278

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QY 11ePromeGluThrPheArgLysValGlyLeuProIleIleIleAlaLeuLeuSerLeu 41
Db 279 ATCCCATGAGAGACCTTACAGAAAGGTGGAGATCCCATCATCAATAGCATACGAGCTG 338
QY 42 AlaserIleIleIleValValIleuIleLysValIleLeuAspLysTrpTrpPheLeu 61
Db 339 GCGAGTATCATCATGTGGTGTGTCTCATCAAGGTGATTCTGATTAATATCTACTTCTCT 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
Db 399 TGGGGGAGGCTCTCCACTTCATCTCCAGAGAGACGCTGTGACGAGAGCTGAGCTGT 458
QY 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
Db 459 CCCTTGGGGGAGAGACGAGAGACCTGTGTCAAGAGCTTCCCGCAAGGGCTGACGTGGCA 518
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTCCAAAGGACCGATCCACCTGCAAGTCTGGACCTGGCCACAGGAACTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 579 TTCTCTGCTGTTCGACAACTTCACAGAGCTCTGCTGAGACAGCTGTAGCGAGATG 638
QY 142 GlyTrpSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCTACAGC-----AAGCTGTGGAGATTGGCCCAAGCCAGGATCTGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTGAATATCACAAAGAACGCCAGAGCTTCGATCGGATCGGAACTCAAGTGGCCCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
Db 744 CTCTCAGGCTCTCCCTGCTCTCCCTGCACTGTCTGTGCTGTGGAGAAAGCTTGAAGCCCC 803
QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db 804 CGTGTGTGTGGTGGGAGAGAGGCTCTGTGATTTCTTGGCTTGGCAGGTACGATCCAG 863
QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisIleTrpValLeuThrAla 241
Db 864 TACGACAAACACAGATCTGTGAGAGAGACATCCCGACCCCACTGGGTCTCTACGCGCA 923
QY 242 AlaHisCysPheArgLysHisIleThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Db 924 GCCCACTGCTTCAGAAACATACCATGTGTTCATCTGAAAGGTGGCGGCGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
Db 984 AAACGTGGGACGCTTCCCATCCCTGGCTGTGGCCAAAGATCATCATGTAATTCACACCC 1043
QY 282 MetTrpProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGACATGATGATGCGCTCATGAAAGTGCAGTTCACCATCACTTCTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaTrpPro 321
Db 1104 GGCACAGTCAGGCGCATCTGTCTGCCCTTCTTGTATGAGAGGTCACTTCAGGACACCCCA 1163
QY 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
Db 1164 CTCTGAGATCATGTGATGGGTGGCTTTTACAGACAGATGAGAGGAATGTCTGACATACG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpGln 361
Db 1224 CTGAGAGCGTCAAGTCCAGGTCAATTGACAGACACGGGTGCATGACACATGAGTGAACAG 1283
QY 362 GlyGlyValIleThrGlyLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db 1284 GGGGAAATCCACGAGAGATGATGTGTGACGACATCCCGGAAGGGGTGTGACACACTGC 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTrpGlnSerAspGlnTrpHisValValGlyIle 401

Db 1344 CAGGCTGACATGTGTGGCCCTCATGTATACCAATCTACAGAGCGCATGTGGGGCATC 1403
QY 402 ValSerTrpGlyTrpGlyCysGlyLysProSerThrProGlyValTrpThrLysValSer 421
Db 1404 GTTAGCTGGGCTATGTGCTGTGGGGGCGGAGACCCCAAGATATACCAAGTCTCA 1463
QY 422 AlaTrpLeuAsnTrpIleTrpAsnValTrpLysAlaGluLeu 435
Db 1464 GCCTATCTCAACTGATCTCAATGTCGAGAGGCTGAGCTG 1505

RESULT 195
US-10-063-585-111
; Sequence 111, Application US/10063585
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P323ORC1
; CURRENT APPLICATION NUMBER: US/10/063,585
; PRIORITY FILING DATE: 2002-05-03
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-585-111

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-585-111 (1-2063)
QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
Db 219 GATCTGACAGTGAATCACTCTGAAACAGCTCGATGTCAAACTCGGCCAAACCCCGT 278
QY 22 11ePromeGluThrPheArgLysValGlyLeuProIleIleIleAlaLeuLeuSerLeu 41
Db 279 ATCCCATGAGAGACCTTACAGAAAGGTGGAGATCCCATCATCAATAGCATACGAGCTG 338
QY 42 AlaserIleIleIleValValIleuIleLysValIleLeuAspLysTrpTrpPheLeu 61
Db 339 GCGAGTATCATCATGTGGTGTGTCTCATCAAGGTGATTCTGATTAATATCTACTTCTCT 398
QY 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuCysAspGlyGluLeuAspCys 81
Db 399 TGGGGGAGGCTCTCCACTTCATCTCCAGAGAGACGCTGTGACGAGAGCTGAGCTGT 458
QY 82 ProLeuGlyGluAspGluGluHisCysValLysSerPheProGluGlyProAlaValAla 101
Db 459 CCCTTGGGGGAGAGACGAGAGACCTGTGTCAAGAGCTTCCCGCAAGGGCTGACGTGGCA 518
QY 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTCCAAAGGACCGATCCACCTGCAAGTCTGGACCTGGCCACAGGAACTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 579 TTCTCTGCTGTTCGACAACTTCACAGAGCTCTGCTGAGACAGCTGTAGCGAGATG 638
QY 142 GlyTrpSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGCTACAGC-----AAGCTGTGGAGATTGGCCCAAGCCAGGATCTGAT 683
QY 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTGAATATCACAAAGAACGCCAGAGCTTCGATCGGATCGGAACTCAAGTGGCCCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuLysThrPro 201
Db 744 CTCTCAGGCTCTCCCTGCTCTCCCTGCACTGTCTGTGCTGTGGAGAAAGCTTGAAGCCCC 803
QY 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db 804 CGTGTGTGTGGTGGGAGAGAGGCTCTGTGATTTCTTGGCTTGGCAGGTACGATCCAG 863
QY 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisIleTrpValLeuThrAla 241
Db 864 TACGACAAACACAGATCTGTGAGAGAGACATCCCGACCCCACTGGGTCTCTACGCGCA 923
QY 242 AlaHisCysPheArgLysHisIleThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Db 924 GCCCACTGCTTCAGAAACATACCATGTGTTCATCTGAAAGGTGGCGGCGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGluPheAsnPro 281
Db 984 AAACGTGGGACGCTTCCCATCCCTGGCTGTGGCCAAAGATCATCATGTAATTCACACCC 1043
QY 282 MetTrpProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGACATGATGATGCGCTCATGAAAGTGCAGTTCACCATCACTTCTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaTrpPro 321
Db 1104 GGCACAGTCAGGCGCATCTGTCTGCCCTTCTTGTATGAGAGGTCACTTCAGGACACCCCA 1163
QY 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
Db 1164 CTCTGAGATCATGTGATGGGTGGCTTTTACAGACAGATGAGAGGAATGTCTGACATACG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTrpGln 361
Db 1224 CTGAGAGCGTCAAGTCCAGGTCAATTGACAGACACGGGTGCATGACACATGAGTGAACAG 1283
QY 362 GlyGlyValIleThrGlyLysMetMetCysAlaGlyIleProGluGlyGlyValAspThrCys 381
Db 1284 GGGGAAATCCACGAGAGATGATGTGTGACGACATCCCGGAAGGGGTGTGACACACTGC 1343
QY 382 GlnGlyAspSerGlyGlyProLeuMetTrpGlnSerAspGlnTrpHisValValGlyIle 401
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Db 579 TTCTGCGCTGTTGACAACTTCAAGAGAGCTCTGCTGAGACAGCTTGATGGCAGATG 638
Qy 142 G1YTYrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGGTACACG-----AGAGCTGTGAGATTTGGCCGAGACAGATCTGGAT 683
Qy 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTGAAATCAGAGAAACAGCCAGAGAGCTTGCATGCCGAACTCAAGTGGGCGCTGT 743
Qy 182 LeuSerGlySerLeuValSerLeuHisGlyLeuAlaCysGlyLysSerLeuLysThrPro 201
Db 744 CTCTCAGGCTCCCTGGTCTCCCTGCACTGTCTTGCTGGAGAGAGCTTGAAGACCCCTCC 803
Qy 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db 804 CGTGTGGTGGTGGAGAGAGAGCTCTGTGATTTTGGCTTGGCAGGTCAAGATCCAG 863
Qy 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
Db 864 TACGCAAAACAGCAGCTGTGTGAGAGAGCATCTCGAACCCCACTGGGCTCTCAGCGCA 923
Qy 242 AlaHisGlyPheArgLysHisThrAspValPheAsnTrpLysValArgAlaGlySerAsp 261
Db 924 GCCCACTGCTTCAGAGAAACATACCGATGTGTTCACTGGAAGTGGCGGAGCTCAGAC 983
Qy 262 LysLeuGlySerPheProSerLeuAlaValAlaLysIleIleIleGlyPheAsnPro 281
Db 984 AAACGGGCGACTTCCCATCCCTGCTGGCCAGCAAGATCATCATATTTGAATTCACCC 1043
Qy 282 MetTyrProLysAspAsnAspIleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTRACCCCAAGACAAATGACATGCCCTCATGAGAGCTGAGTCCCATCTTCTCA 1103
Qy 302 GlyThrValArgProIleCysLeuProPhePheAspGluGluLeuThrProAlaThrPro 321
Db 1104 GGCACAGTCAGGCGCATGTCTGCTGCTTCTTGTGATGAGAGCTCATCTCCAGCCCA 1163
Qy 322 LeuTrpIleIleGlyTrpGlyPheThrLysGlnAsnGlyGlyLysMetSerAspIleLeu 341
Db 1164 CTCTGATCATTTGATGAGGCTTTTACGAGCAAGATGAGAGAGATGTCTGACATCTG 1223
Qy 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGCAAGGCTCAGTCAAGCTCATTTACACACACCGGTGCAATGCAAGCATCCGATCCAG 1283
Qy 362 GlyGluValThrGluLysMetCysAlaGlyIleProGluGlyValAspThrCys 381
Db 1284 GGGGAAGTCAACCGAAGATGATGTGTGAGGCAATCCGGAAGGGGGTGTGACACCTGC 1343
Qy 382 GlnGlyAspSerGlyGlyProLeuMetTyrGlnSerAspGlnTrpHisValValGlyIle 401
Db 1344 CAGGTGACAGTGGGCGCTCTGATGTACATCTGACACAGTGCATGTGTGGGCAATC 1403
Qy 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValTyrThrLysValSer 421
Db 1404 GTTACTGGGGCTAAGGCTGCGGGGCGCCGAGACCCCGAGATACCAAGGTCTCA 1463
Qy 422 AlaTyrLeuAsnTrpIleTyrAsnValTrpLysAlaGluLeu 435
Db 1464 GCCTATCTCACTGGATCTACATGTCTGGAAGGCTGAGCTG 1505

RESULT 196
US-10-063-586-111
Sequence 111, Application US/10063586
GENERAL INFORMATION:
APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary B.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.

APPLICANT: Maranabe, Colin K.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,586
PRIORITY APPLICATION: 2002-05-03
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 111
LENGTH: 2063
TYPE: DNA
ORGANISM: Homo Sapien
US-10-063-586-111

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-586-111 (1-2063)

Qy 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValLysProLeuArgLysProArg 21
Db 219 GATCCTGACAGTGAATCAACTCTGAACAGCTCGATGTCAAACTCCGCAAAACCCGT 278
Qy 22 IleProMetGluTrpPheArgLysValGlyIleProIleIleIleAlaLeuLeuSerLeu 41
Db 279 ATCCCATGAGAGACCTTCAGAAAGGTGGGATCCCATCATCATATGACATCTAGCTG 338
Qy 42 AlaSerIleIleIleValIleValLeuIleLysValIleLeuAspLysTyrTyrPheLeu 61
Db 339 GCGAGTATCATATTTGTGTGTCTCTCATCAAGGTATTTCTGGAATTAATTAATCTCTC 398
Qy 62 CysGlyGlnProLeuHisPheIleProArgLysGlnLeuGlyAspGlyGluLeuAspCys 81
Db 399 TGCGGGGAGCGCTCTCACTTCATCCGAGAGAGAGCTGTGTGAGAGAGCTGAGCTGT 458
Qy 82 ProLeuGlyGluAspGluGluHisGlyValLysSerPheProGluGlyProAlaValAla 101
Db 459 CCTTGGGGGAGAGCAAGAGACAGTGTCTCAAGACTTCCCGAAGGGCTGAGTGGCA 518
Qy 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrGlyAsnTrp 121
Db 519 GTCCGCTCTCCAGAGACCGATCCACACTGCAAGTGTGTGACTCGGCCACAGGAACTGG 578
Qy 122 PheSerAlaCysPheAspAsnPheThrGluAlaLeuAlaGluThrAlaCysArgGlnMet 141
Db 579 TTCTGCTGCTGTTCAGACATCTTCAACAAGCTCGGTGAGAGAGCGCTGTAGGCAATG 638
Qy 142 GlyTyrSerSerLysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
Db 639 GGGTACACG-----AGAGCTGTGAGATTTGGCCGAGACAGATCTGGAT 683
Qy 162 ValValGluIleThrGluAsnSerGlnGluLeuArgMetArgAsnSerSerGlyProCys 181
Db 684 GTTGTGAAATCAGAGAAACAGCCAGAGAGCTTGCATGCCGAACTCAAGTGGGCGCTGT 743
Qy 182 LeuSerGlySerLeuValSerLeuHisGlyLeuAlaCysGlyLysSerLeuLysThrPro 201
Db 744 CTCTCAGGCTCCCTGGTCTCCCTGCACTGTCTTGCTGGAGAGAGCTTGAAGACCCCTCC 803
Qy 202 ArgValValGlyGlyGluGluAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
Db 804 CGTGTGGTGGTGGAGAGAGCTCTGTGATTTTGGCTTGGCAGGTCAAGATCCAG 863
Qy 222 TyrAspLysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
Db 864 TACGCAAAACAGCAGCTGTGTGAGAGAGCATCTCGAACCCCACTGGGCTCTCAGCGCA 923

QY	242	ALHIGSYGSHETRGYSHTGTHRAAPVALPHEASNTPLYSVALAGALGYSERAP	261
Db	924	GCCACTGCTTCAGAAACATACCAGATGTTTCAACTGAAAGGTGGGAGGCTCAGAC	983
QY	262	LYALEUGLYSERPHEPROSERLEUALAVALALALYSILLETLEILEIUGLUPHEANPRO	281
Db	984	AACTGGGCGAGCTTCCATCCCTGGGTGTGGCCAAAGTATCATTCATTGATTCAACCCC	104
QY	282	METTYTPROLYAPASPANAPPILEALEUMETLYSLUGLINPHEPROLEUTHRPHESES	301
Db	1044	ATGTACCCCAAAAGACATGACATGGCCCTCATGAAGGTGAGTCTCCACTCATCTTCTCA	110
QY	302	GLYTHRVALARGPROILECYSLAUPROPHESPASPGLUGLUEUTHRPOLATHRP	321
Db	1104	GGCAGAGTCAGGCCCATCTGTCTGCGCTTTTGATGAGGAGCTCATCTCAGCACCCCA	116
QY	322	LEUTTPLEILEGLYTRPGLYPHERNTRYGLINASNGLYGLYLSMETSERAPILLEU	341
Db	1164	CTCTGATCATTTGGATGCGGCTTTTACGAAGCAAAATGAGAGGAAAGATGTCTGACATAC	122
QY	342	LEUGHALASERVAGLGNVALILEASPSETTRARGCYAASNALAASPAPALATYRGLN	361
Db	1224	CTGCAGAGCTCATCTCCAGGTCATGACAGACACGGTGTGAATGACAGACGATCGTACAG	128
QY	362	GLYGLUVALTRHGLULYSMETMETCYBALAGLYLEPROGLUGLYGLYVALASPTHRCYS	381
Db	1284	GGGAGAGTACCCGAGAAAGATGATGTGTGACAGGATCCGGAAAGGGGGTGTGACACCTGC	134
QY	382	GLNGLYASPSESGLYGLYPROLEUMETTRYGLINSEASPGLINTPHIYALVALGLYILE	401
Db	1344	CAGGGAGAACAGTGTGGGCGCCCTGAGTACCAATCGACAGTGTGCATGTGTGGGCGATC	140
QY	402	VALSERTRGLYTRYGLYCYSGLYGLYPROSETRTHPROGLVALTRYTHRYSVALSER	421
Db	1404	GTTAGCTGGGGCTATAGTGCTGCGGGGGCCGAGCACCCCAAGAGCTTACACCAAGSTCTCA	146
QY	422	ALATYRLEUASNTTPILLETRYANVALTRYVALAGLULEU	435
Db	1464	GCCTATCTCACTGATCTACATGTCTGAAAGGCTGAGCTG	1505
RESULT 197			
US-10-063-587-111			
; Sequence 111, Application US/10063587			
; GENERAL INFORMATION:			
; APPLICANT: Baton, Dan L.			
; APPLICANT: Filvaroff, Ellen			
; APPLICANT: Gerritsen, Mary E.			
; APPLICANT: Goddard, Audrey			
; APPLICANT: Godowski, Paul J.			
; APPLICANT: Grimaldi, Christopher J.			
; APPLICANT: Gurney, Austin L.			
; APPLICANT: Watanabe, Colin K.			
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC			
; TITLE OF INVENTION: ACIDS ENCODING THE SAME			
; FILE REFERENCE: P3230P1C1			
; CURRENT APPLICATION NUMBER: US/10/063,587			
; Prior Application removed - See File Wrapper or Palm			
; NUMBER OF SEQ ID NOS: 170			
; SEQ ID NO 111			
; LENGTH: 2063			
; TYPE: DNA			
; ORGANISM: Homo Sapien			
US-10-063-587-111			
Alignment Scores:			
Pred. NO.:	0	Length:	2063
Score:	2297.50	Matches:	429
Percent Similarity:	98.85%	Conservative:	0
Best Local Similarity:	98.85%	Mismatches:	0
Query Match:	98.10%	Indels:	5
DB:	40	Gaps:	1

US-10-803-530-2 (1-435) x US-10-063-587-111 (1-2063)
 QY 2 AspProAspSerAspGlnProIleuAsnSerIleuAspValIysProIleuArgIysProArg 21
 Db 219 GATCCTCAAGATGATCAACTCTGAAACAAGCCTCGATGTCAAAACCCCTCGCAAAACCCG 278
 QY 22 IleProMetGlnThrPheArgIysValGlyIleProIleIleIleAlaIleuLeuSerIleu 41
 Db 219 ATCCCATGAGACCTTCAGAAAGGTGGGGAATCCCATCATCATATGACACTACGAGCTG 338
 QY 42 AlaSerIleIleIleValValIleuIleIysValIleIleuAspIysIYTYYPheIleu 61
 Db 339 GCGAGTATCATCATGTGGTGTCTCTCATCAAGGATGATTCGGATTAATACTACTTCTTC 398
 QY 62 CysGlyGlnProIleuHisPheIleProArgIysGlnIleuCysAspGlyIleuAspCys 81
 Db 399 TGCAGGAGAGCTCTCCACTTCATCCCGAGGAAGCAGCTGTGTGACGGAGAGCTGAACTGT 458
 QY 82 ProIleuGlyIleuAspGlnGlnHisIscCysValIysSerPheProGlnGlyProAlaValAla 101
 Db 459 CCCTTGGGGAGGACAGAGAGCACTGTGTCAAGACTTCCCGAAGGAGCTCGACAGGGCA 518
 QY 102 ValArgIleuSerIysAspArgSerThrIleuGlnValIleuAspSerAlaThrGlyAsnTrp 121
 Db 519 GTCGAGCTCTCCAAAGGACCGATCCACATCGAGGAGGTGGAGCTCGGCAACAGGAACCTGG 578
 QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaIleuAlaGlnThrAlaCysArgIleuMet 141
 Db 579 TTCTCTGCGCTGTTCACAACTTCACAAAGACTCTCGCTGAGACAGCTGTAGGCAAGATG 638
 QY 142 GlyTYrSerSerIysProThrPheArgAlaValGlnIleGlyProAspGlnAspIleuAsp 161
 Db 639 GGCCTAACG-----AGACCTTGAAGATTGACCCAGACACAGGATTCGAT 683
 QY 162 ValValGlnIleThrGlnAsnSerGlnIleuAspMetArgAsnSerSerGlyProCys 181
 Db 684 GTGTGGAATATACAGAAACAGCCAGAGACTTCGATGGGAACTCAAGTGGGCCCTGT 743
 QY 182 LeuSerGlySerLeuValSerIleuHisCysIleuAlaCysGlyIysSerIleuIysThrPro 201
 Db 744 CTTCAGAGCTCCCTGATGCTCTCCCTGACATGCTTCCTCGTGGAAAGAGCTGAAAGACCC 803
 QY 202 ArgValValGlyIysGlnAlaSerValAspSerTrpProIleuGlnSerIleGln 221
 Db 804 CGTGTGTGGTGGGGGAGAGAGCCTCTGTGATTTCTTGACCTTGAGAGGTACAGCTCAG 863
 QY 222 TYrAspIysGlnHisValCysGlyIysSerIleuAspProHisIleThrValIleuThrAla 241
 Db 864 TACGACAAACAGCAGTGTGGAGGAGAGCATCTGGACCCCACTGGAGCTTCACAGGCA 923
 QY 242 AlaHisCysPheAspArgIysHisThrAspValPheAsnTrpIysValAlaArgIleuSerAsp 261
 Db 924 GCCCACTGCTTCAGGAAACATACCGAATGTGTCAACTGAAAGGTGGGGCAGAGCTCAAGC 983
 QY 262 IysIleuGlySerPheProSerIleuAlaValAlaIysIleIleIleIleGlnPheAsnPro 281
 Db 984 AAACCTGGGAGGTTCCATCCCTGGCTGTGGCCAAATATCATCTTGAATTCAACCC 1043
 QY 282 MetTYrProIysAspAsnAspIleAlaIleuMetIysIleuGlnPheProIleuThrPheSer 301
 Db 1044 AGTACCCCAAGACATGACATGACCTGACCTCATGAACCTGACAGTTCACACTTCCTTC 1103
 QY 302 GlyThrValAspProIleCysIleuProIlePheAspGlnIleuIleThrProAlaThrPro 321
 Db 1104 GGCACAGTCAGAGCCCATCTGTCTGCCCTTCTTGAAGAGAGACTCATCTCCAGCCACCCCA 1163
 QY 322 LeuTrpIleIleGlyTYrPglyPheThrIysGlnAsnGlyIysIysMetSerAspIleu 341
 Db 1164 CTCCTGAATCATTTGAATGGGCTTTACAGACAGAAATGAGAGGAATGTCTGACATTACTTG 1223
 QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTYrGln 361

Db 1224 CTGACAGGCTGATCCAGCTCATTGACAGCACAGGTGCAATGACAGAGTGCCTACAG 1283
Qy 362 G1ygluValThrIuLyMetMeCysAlaG1y1IleProGluG1yG1yValAspThrCys 381
Db 1284 GGGGAAGTCAACCGAAGATATATGTGTGACAGCATCCCGAAGGGGGGTGGAACCTGC 1343
Qy 382 G1ng1yAspSerG1yG1yProLeuMeCtyrGlnSerAspGlnTrrPhsValValG1y1Ie 401
Db 1344 CAGGGTGAAGTGTGGGCCCCCTGATGTACCAATCTGACAGTGCAGTGTGGGCAATC 1403
Qy 402 ValSerTrpG1yTrrG1yCysG1yG1yProSerThrProG1yVal1yTrrThrValSer 421
Db 1404 GTTGTGCGGGCTATGTGGTGGGGGGCCGAGCACCCGAGGATACCAAGGTCTCA 1463
Qy 422 AlaTyrLeuAsnTrrIleTyrAsnValTrrPhsAlaGluLeu 435
Db 1464 GCTTATCTCACTGGATTTACAAATGTCTGAAGGCTGAGCTG 1505

RESULT 198
US-10-063-588-111
; Sequence 111, Application US/10063588
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1
; CURRENT FILING DATE: 2002-05-03
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-588-111.

Alignment Scores:
Pred. No.: 0 Length: 2063
Score: 2297.50 Matches: 429
Percent Similarity: 98.85% Conservative: 0
Best Local Similarity: 98.85% Mismatches: 0
Query Match: 98.10% Indels: 5
DB: 40 Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-588-111 (1-2063)

Qy 2 AspProAspSerAspGlnProLeuAsnSerLeuAspVal1yProLeuAlaGlyProArg 21
Db 219 GATCTGTGACAGTCAACCTCTTGAACAGCTCGATGTCAACCCCTGGCAACCCCGT 278
Qy 22 IlePrometGluThrPhaArgGlyValG1y1IlePro1Ile1IleAlaLeuLeuSerLeu 41
Db 219 ATCCCAATGAGACCTTTCAGAAAGTGGGAGTCCCAATCATATAGCACTAGAGCTG 338
Qy 42 AlaSerIleIleIleValValValLeuIleVal1IleLeuAspLysTrrTrrPhLeu 61
Db 339 GCGAATATCATATGTGTGTCTCTCATCAAGGTGATCTGATAAATACTACTTCTTC 398
Qy 62 CysG1yGlnProLeuHisPheIleProArgLysGlnLeuCysAspG1yG1yLeuAspCys 81
Db 399 TGGGGGAGCCCTCTCACTTCAATCCGAGAAAGCAGCTGTGTGACGAGAGCTGACCTGT 458
Qy 82 ProLeuG1yG1yAspG1yG1yHisCysVal1ySerPheProG1yG1yProAlaValAla 101
Db 459 CCTTGTGGGAGAGACGAGAGCACTGTGTCAAGAGCTTCCCGAAGGGGCTGCAATGGCA 518

Qy 102 ValArgLeuSerLysAspArgSerThrLeuGlnValLeuAspSerAlaThrG1yAsnTrr 121
Db 519 GTCCGCTCTTCCAGAGCCATCCACCTGAGGTGTGGAATCTGGCCACAGGGAACTGG 578
Qy 122 PheSerAlaCysPheAspAsnPhaThrG1uAlaLeuAlaGluThrAlaCysArgL1Met 141
Db 579 TTCTTCTCTGTTTTCAGCAACTTCACAGAAAGCTCTCCCTAGACAGACTGTAGGCAATG 638
Qy 142 G1yTyrSerSerLysProThrPheArgAlaValG1u1IleG1yProAspGlnAspLeuAsp 161
Db 639 GGCTACAGC-----AGAGCTGTGAGATGTGGCCAGACCAAGATCTGGAT 683
Qy 162 ValValG1u1IleThrGluAsnSerGlnGluLeuArgMetLarAsnSerSerG1yProCys 181
Db 684 GTTGTGAATTCACAGAAACAGCCAGAGCTTGCATGCGGACCTCAAGTGGGCCCCGT 743
Qy 182 LeuSerG1ySerLeuValSerLeuHisCysLeuAlaCysG1yLysSerLeuLysThrPro 201
Db 744 CTCTCAGGCTCTCCGTGCTCTCTGCACTGTCTTGTGAGAAAGCTGAAAGACCTGACCC 803
Qy 202 ArgValValG1yG1yGluGluAlaSerValAspSerTrrProTrrGlnValSer1IeGln 221
Db 804 CTGTGTGGTGGTGGGAGAGGCTCTGTGATTTCTTGCTTGCGAGTCAAGATCAG 863
Qy 222 TyrAspLysGlnHisValCysG1yG1ySer1IleLeuAspProHisTrrValLeuThrAla 241
Db 864 TAGCAAAACAGCAGCTGTGTGAGAGAGCATCTGGAACCCCACTGGGTCTTCACGGCA 923
Qy 242 AlaHisCysPheAspGlyHisThrAspValPheAsnTrrLysValAlaG1yAlaG1ySerAsp 261
Db 924 GCCACCTGCTTCAGAAACATACGATGTGTTCACCTGAAGAGTGGGGGCGCTGAGAC 983
Qy 262 LysLeuG1ySerPheProSerLeuAlaValAlaValSer1Ile1IleGluPheAsnPro 281
Db 984 AACTGGGAGCTTCCATCTCTGCTGTGCGCAAGATCATCATATTGATTTCAACCCC 1043
Qy 282 MetTyrProLysAspAsnAsp1IleAlaLeuMetLysLeuGlnPheProLeuThrPheSer 301
Db 1044 ATGTACCCCAAGAAAGATGATGATCGCCCTCATGAAGCTGCACTCCCATCTTCTCA 1103
Qy 302 G1yThrValArgPro1IleCysLeuProPheAspGluGluLeuThrProAlaThrPro 321
Db 1104 GGCAAGTCAAGGCCCATCTGTCTGCCCTTCTTATATGAGAGCTCATCCAGCCACCCCA 1163
Qy 322 LeuTrrIle1IleG1yTrrG1yPheThrLysGlnAsnG1yG1yLysMetSerAsp1IleLeu 341
Db 1164 CTCTGATCATTTGATGGGCTTTTACAGAGCAAGATGAGAGATGTCTGACATCTG 1223
Qy 342 LeuGlnAspSerValGlnVal1IleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
Db 1224 CTGACAGGCTGATCCAGGTATTTGACAGCACAGGTGCATATGACAGAGTGCATACAG 1283
Qy 362 G1ygluValThrIuLyMetMeCysAlaG1y1IleProGluG1yG1yValAspThrCys 381
Db 1284 GGGGAAGTCAACCGAAGATATATGTGTGACAGCATCCCGAAGGGGGGTGGAACCTGC 1343
Qy 382 G1ng1yAspSerG1yG1yProLeuMeCtyrGlnSerAspGlnTrrPhsValValG1y1Ie 401
Db 1344 CAGGGTGAAGTGTGGGCCCCCTGATGTACCAATCTGACAGTGCAGTGTGGGCAATC 1403
Qy 402 ValSerTrpG1yTrrG1yCysG1yG1yProSerThrProG1yVal1yTrrThrValSer 421
Db 1404 GTTGTGCGGGCTATGTGGTGGGGGGCCGAGCACCCGAGGATACCAAGGTCTCA 1463
Qy 422 AlaTyrLeuAsnTrrIleTyrAsnValTrrPhsAlaGluLeu 435
Db 1464 GCTTATCTCACTGGATTTACAAATGTCTGAAGGCTGAGCTG 1505

RESULT 199
US-10-063-589-111
; Sequence 111, Application US/10063589
; GENERAL INFORMATION:

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; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,589
; PRIORITY FILING DATE: 2002-05-30
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-589-111.

Alignment Scores:
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Percent Similarity: 98.854
Best Local Similarity: 98.854
Query Match: 98.108
DB: 40
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Conservative: 429
Mismatch: 0
Indels: 5
Gaps: 1

US-10-803-530-2 (1-435) x US-10-063-589-111 (1-2063)
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QY 22 ILEPROMETGLUTHPHARGVGLYILEPPOILLEILEALEUENLEU 41
DB 279 ATCCCAAGGAGACCTTGAGAAAGGTGGAGATCCCAATCATCATAGCACTAGAGCTG 338
QY 42 AIASEITTEILEILEVALVALLEULEVVALLEUAPLYSYTYRYPHELEU 61
DB 339 GCGAATATCATCATTTGTTGTTGCTCATCAAGGTGATTCGATTAATCTACTTCTC 398
QY 62 CYSGLYINPROLEUHSRPHLEIPROARGVSGLEUCYSPASGLYIULEUASP 81
DB 399 TGGCGGAGCCTCTCCACTTATCCCGAGGAAGCCTGTGTGACGAGAGCTGAGCTGT 458
QY 82 PROLEUGLYIUAAPGLUGLUNHICYSVALYSESPHEPPOGLUGIYPROALAVALA 101
DB 459 CCTTGGGGGAGGAGCGAGAGCACTGTGTCAAGAGCTTCCCGAAGGGCTGCGAGTGGCA 518
QY 102 VALARGLEUSERLYSAPAPARGSETRHLEUGLNAVILLEUASPERALATHRGVASENTP 121
DB 519 GTCCGCTCTCCAGAGCCATCATCACTGAGGTGTGACCTCGGCGACAGGAGAACTGG 578
QY 122 PHSESERIALCYSRPHASRPHETRHGLUNALEUAGLUTHRALACYBATRGIMET 141
DB 579 TTCTCTCCCTCTTCCACAACTTCAAGAGCTTGTGCTGAGACACCTGTAGGGCAGATG 638
QY 142 GLTYRISERSELYSPROTHRPHARGALAVAGLUNILEYPROASGLINSPLEUAP 161
DB 639 GGGCTACAGC-----AAGAGCTGTGGAATTTGGCCCAACAGGATCTGGAT 683
QY 162 VALVALGLULIETHRGLUNASERGLINLEUARGMETARGHANSERSEGLYPROCY 181
DB 684 GTTGTAAGAAATCAACAGAAACACGAGGCTTGCATCGGAACTCAAGTGGGCTGT 743
QY 182 LEUSERGLYSEIRLEUVALSERLEUHSICYSLEUVALCYSGLYLYSERLEUVALTHRPRO 201
DB 744 CTCTGAGGCTCCCTGCTCTCCCTGCACTGTCTTGTGCGGAGAGGCTGAAAGACCC 803
QY 202 ARGVALVALGLYGLUGLUNALASERVALASPERTPRGTPGLINVALSERILEGLN 221
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DB 804 CTTGTGTTGGTGGGAGAGGCTCTGTGGAATTTGGCTTGGAGGATCAGCATCCAG 863
QY 222 TYRASPGLYSLNHISVALCYSGLYLYSERILELEUASPROHISTRPVALLEUTHRALA 241
DB 864 TACAGCAAAACAGCAGCTGTGTGAGGGAGATCTTGAGACCCCACTGGTCTTCAAGGCA 923
QY 242 ALAHSICYSRPHARGVSHSTRAPVALPHEASNTRPLYVALARGALISERAP 261
DB 924 GCCCACTGCTTCAAGAAACATACCGATGTGTCAATCGAAGGTGGGCGAGGCTCAAGC 983
QY 262 LYSLEUGLYSESPHEPROSERLEUVALAVALYSLILEILEILEGLUNHANSPRO 281
DB 984 AAATGGGAGCTTCCATCTCTGCTGTGGCCAGAGATATCATATGAATTCAAACCC 1043
QY 282 METYRPROLYSAPASAPILALEUMETLYSLEUGLNPHEPROLEUTHRPHESER 301
DB 1044 ATGTACCCCAAGACATGACATCGCCCTCAAGAGCTGCACTCACTTCTTCA 1103
QY 302 GLYTHRVALARGPROLIECYSLIENPROPHETPHEAPGLUGLUNLEUTHRPROALA 321
DB 1104 GGCACAGTACAGGCCATCTGTGCTCCCTTTGATGAGAGCTCACTCCAGCCCA 1163
QY 322 LEUTRPILEILEGLYTRPGLYPHERTHRYSGLINANGLYLYVMESESRAPILEU 341
DB 1164 CTCTGATCATTTGATGGGGCTTTTACGAAAGCAATGAGAGGATGTGACATCTG 1223
QY 342 LEUGLNASERVALGLINVALILEASPERTHRARGCYSAENALASAPAPALTYRGLN 361
DB 1224 CTGCAGGCTCAGTCAGTCAGTGTACAGCACACGGTCAATGACAGAGCGTTACAG 1283
QY 362 GLYGLUNALTHRGLUNHMEHCYSVALAGLYILEPPOGLUGLYGLYVALASPTHCYS 381
DB 1284 GGGAGATGACCGGAAAGATGATGTGCAGACATCCGAAAGGGGTGTGAGCACTGC 1343
QY 382 GLNGLYASPERGLYGLYPROLEUMETRYRGLINSEASPGINTPHEASVALAGLYILE 401
DB 1344 CAGGGTGAACAGTGGTGGCCCTGATGATGACCAATCTGACGATGGCATGTGGTGGCATC 1403
QY 402 VALSEITRPGLYTRGLYCYSGLYLYPROSETRHPRGGLYVALTYRTHLYSVALSER 421
DB 1404 GTTACTGCTGGCTATGCTGTGGGGGCCCGAGACCCCAAGAGATACCAAGATCTCA 1463
QY 422 ALATYRLEUASNTPLIETYSASVALTRPLYSLAGLUNLEU 435
DB 1464 GCCTATCTCACTGATCTACAAATGTCTGGAAGGCTGAGCTG 1505

RESULT 200
US-10-063-591-111
; Sequence 111, Application US/10063591
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,591
; PRIORITY FILING DATE: 2002-05-30
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 111
; LENGTH: 2063
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-063-591-111
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Alignment Scores:

Pred. No.:	0	Length:	2063
Score:	2297.50	Matches:	429
Percent Similarity:	98.85%	Conservative:	0
Best Local Similarity:	98.85%	Mismatches:	0
Query Match:	98.10%	Indels:	5
DB:	40	Gaps:	1

US-10-803-530-2 (1-435) x US-10-063-591-111 (1-2063)

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QY 2 AspProAspSerAspGlnProLeuAsnSerLeuAspValIysProLeuAryIysProArg 21
DB 219 GATCTGACAGTATTCACACCTTGACAGCTCTGATGTCACACCTCGCGCAACCCCGT 278
QY 22 ILeProMetGluThrPheArgIysValGlyIleProIleIleIleAlaLeuSerLeu 41
DB 279 ATCCCATGAGACCTTCAGAAAGTGGGGATCCCATCATCATACATACACTAGACTG 338
QY 42 AlaSerIleIleIleValIleValIleValIleValIleValIleValIleValIle 61
DB 339 GCGAGTATCATCATGTGTGTGTCTCATCAAGGTGATTCTGATTAATCTACTTCTC 398
QY 62 CysGlyGlnProLeuHisPheIleProArgIysGlnLeuCysAspGlyGluLeuAspCys 81
DB 399 TGGGGGACGCTCTCCACTTCACTCCAGAGACAGCTGTGTGAGGAGAGCTGAGCTGT 458
QY 82 ProLeuGlyIleAspGluIleHisCysValIysSerPheProGluGlyProAlaValAla 101
DB 459 CCTTGGGGGAGAGACAGAGACACTGTGTCAAGACTTCCCGAAGGGGCTGCAAGTGCA 518
QY 102 ValArgLeuSerIysAspArgSerThrLeuGlnValIleuAspSerAlaThrGlyAsnTrp 121
DB 519 GTCCGCTCTCCAGAGACCACTGACAGTGTGAGCTGCGACCAAGAGACTGG 578
QY 122 PheSerAlaCysPheAspAsnPheThrGlnAlaLeuAlaGluThrAlaCysArgGlnMet 141
DB 579 TTCTCTGCTGTTTGCACACTTCAAGAACTCTGCTGAGACAGCTGTAGGCAAGATG 638
QY 142 GlnTyrSerSerIysProThrPheArgAlaValGluIleGlyProAspGlnAspLeuAsp 161
DB 639 GGCTACAGC-----AGAGCTGTGAGATTGGCCCGACAGACAGATCTGGAT 683
QY 162 ValValGluIleThrGlnAsnSerGlnIleuAspMetArgAsnSerSerGlyProCys 181
DB 684 GTTGTGAATCAACAAGAAAGCCAGGACTTGCATGCGAACTCAAGTGGGCTCTGT 743
QY 182 LeuSerGlySerLeuValSerLeuHisCysLeuAlaCysGlyLysSerLeuIysThrPro 201
DB 744 CTCTCAGGCTCCTGTGTCTCTCTGCACTGTCTGCTGTGGAGAGAGCTGAGAGACCCC 803
QY 202 ArgValValGlyGlyGluGlnAlaSerValAspSerTrpProTrpGlnValSerIleGln 221
DB 804 CGTGTGTGGGGGAGAGAGGCTCTGTGAGATCTTGGCTTGGCAGGTGAGATCCAG 863
QY 222 TyrAspIysGlnHisValCysGlyGlySerIleLeuAspProHisTrpValLeuThrAla 241
DB 864 TACGCAAAACAGCAGCTGTGTGAGAGAGCAATCCAGACCCCACTGGGTCTCTCAGGCA 923
QY 242 AlaHisCysPheArgIysHisThrAspValPheAsnTrpIysValArgAlaGlySerAsp 261
DB 924 GCCACGTCTTCAGAAACATACCAATGTGTTCACCTGAGAGGTGCGGAGAGCTCAGAC 983
QY 262 LysLeuGlySerPheProSerLeuAlaValAlaIysIleIleIleIleGluPheAsnPro 281
DB 984 AAACGGGAGAGCTTCCATCCTGTGCTGGCCAGATCATCATCATGATTCATCAACCC 1043
QY 282 MetTyrProIysAspAsnAspIleAlaLeuMetIysLeuGlnPheProLeuThrPheSer 301
DB 1044 ATGTACCCCAAGAACATGACATCGCTCATGAAAGCTGCAAGTCCCACTCATCTTCTCA 1103
QY 302 GlyThrValArgProIleCysLeuProPhePheAspGluLeuThrProAlaThrPro 321
DB 1104 GGCAAGTCAAGGCCATCTGTGTGCTTCTTGTATGAGAGACTCACTCCAGCAACCCCA 1163

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QY 322 LeuTrpIleIleGlyTrpGlyPheThrIysGlnAsnGlyGlyIysMetSerAspIleLeu 341
DB 1164 CTCTGATCATTTGGATGGGCTTTACGAGACAAATGAGAGAGATGTCTGACATCTG 1223
QY 342 LeuGlnAlaSerValGlnValIleAspSerThrArgCysAsnAlaAspAspAlaTyrGln 361
DB 1224 CTCAGGGCTCATGTCCAGTCAATGTGACAGCAGCGGTGCATTCAGACGATGGCTACAG 1283
QY 362 GlyGlnValThrGluIysMetMetCysAlaGlyIleProGluGlyValAspThrCys 381
DB 1284 GGGAGACTCACAGAAAGATGATGTGTGACAGCATCCCGAAGGGGTGTGACACTGC 1343
QY 382 GlnGlyAspSerGlyIysProLeuMetTyrGlnSerAspIleThrIleValIleGlyIle 401
DB 1344 CAGGTCACAGTGTGGGCTGATGTATCAATCTGACAGTGTGATGTGTGTGATC 1403
QY 402 ValSerTrpGlyTyrGlyCysGlyGlyProSerThrProGlyValIleThrIysValSer 421
DB 1404 GTTAGCTGGGGCTATGGCTCGGGGGCCGAGCAACCCAGAGATATACACCAAGTCTCA 1463
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Search completed: January 21, 2006, 07:52:51
 Job time : 7399 secs

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Pending Nucleic Acid and Pending Amino Acid database searches generate two sets of results each. The Pending databases have been split into two parts to reduce the amount of time required for their daily updates. This results in more machine time being available for processing searches.

Searches run against the Nucleic Acid Pending database produce two sets of results, with the extensions .rnpn and .rapn

Searches run against the Amino Acid Pending database produce two sets of results, with the extensions .rapm and .rapn

Because they contain data that is confidential, the results of Pending database searches should not be left in the case.

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GenCore version 5.1.6
Copyright (c) 1993 - 2006 Compugen Ltd.

OM protein - protein search, using sw model

Run on: January 21, 2006, 04:47:20 ; Search time 215 Seconds
(without alignments)

2796.049 Million cell updates/sec

Title: US-10-803-530-2

Perfect score: 2342
Sequence: 1 MDPDSQPLNSLDVKPLRP.....VYTKSAVLYWYVWKAEL 435

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 7861189 segs, 1381955077 residues

Total number of hits satisfying chosen parameters: 7861189

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 500 summaries

Database : Pending Patents AA Main:

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	2342	100.0	435	1 PCT-US01-18568-2	Sequence 2, Appl 1
3	2342	100.0	435	1 PCT-US02-09671-1578	Sequence 1578, Ap
4	2342	100.0	435	1 PCT-US02-09671-1597	Sequence 1597, Ap
5	2342	100.0	435	30 US-10-030-688-2	Sequence 2, Appl 1
6	2342	100.0	435	34 US-10-473-127-1578	Sequence 1578, Ap
7	2342	100.0	435	34 US-10-473-127-1597	Sequence 1597, Ap
8	2342	100.0	435	38 US-10-803-530-2	Sequence 2, Appl 1
9	2342	100.0	461	1 PCT-US04-15258-3	Sequence 3, Appl 1
10	2342	100.0	461	1 PCT-US04-20741-7	Sequence 7, Appl 1
11	2338	99.8	435	1 PCT-US02-09671-1596	Sequence 1596, Ap
12	2338	99.8	435	26 US-09-659-151-6	Sequence 6, Appl 1
13	2338	99.8	435	31 US-10-180-719-6	Sequence 6, Appl 1
14	2338	99.8	435	34 US-10-473-127-1596	Sequence 1596, Ap
15	2338	99.8	435	40 US-11-045-577-6	Sequence 6, Appl 1
16	2338	99.8	435	41 US-11-183-914-6	Sequence 6, Appl 1
17	2337	99.8	437	1 PCT-US02-09671-1581	Sequence 1581, Ap
18	2337	99.8	437	1 PCT-US02-09671-1586	Sequence 1586, Ap
19	2337	99.8	437	1 PCT-US02-09671-1601	Sequence 1601, Ap
20	2337	99.8	437	1 PCT-US02-09671-1602	Sequence 1602, Ap
21	2337	99.8	437	1 PCT-US02-19297-89	Sequence 89, Appl 1
22	2337	99.8	437	1 PCT-US04-21227-7	Sequence 7, Appl 1
23	2337	99.8	437	1 PCT-US04-38689-7	Sequence 89, Appl 1
24	2337	99.8	437	31 US-10-173-999-89	Sequence 89, Appl 1
25	2337	99.8	437	32 US-10-295-027-779	Sequence 791, App
26	2337	99.8	437	32 US-10-295-027-791	Sequence 791, App
27	2337	99.8	437	32 US-10-295-027-831	Sequence 831, App
28	2337	99.8	437	32 US-10-295-027-1196	Sequence 1196, Ap
29	2337	99.8	437	34 US-10-473-127-1581	Sequence 1581, Ap
30	2337	99.8	437	34 US-10-473-127-1586	Sequence 1586, Ap
31	2337	99.8	437	34 US-10-473-127-1601	Sequence 1601, Ap
32	2337	99.8	437	39 US-10-991-287-7	Sequence 7, Appl 1
33	2337	99.8	437	39 US-10-994-117-7	Sequence 7, Appl 1
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37	2333	99.6	435	48 US-60-495-114-2200	Sequence 2200, App
38	2333	99.6	435	48 US-60-495-135-490	Sequence 490, App
39	2333	99.6	435	50 US-60-625-561-206	Sequence 206, App
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46	2328	99.4	437	39 US-10-918-711-491	Sequence 491, App
47	2328	99.4	437	39 US-10-918-754-2201	Sequence 2201, App
48	2328	99.4	437	48 US-60-452-680-24198	Sequence 24198, A
49	2328	99.4	437	48 US-60-453-050-15076	Sequence 15076, A
50	2328	99.4	437	48 US-60-453-135-15076	Sequence 15076, A
51	2328	99.4	437	48 US-60-456-114-15076	Sequence 15076, A
52	2328	99.4	437	48 US-60-495-112-15076	Sequence 15076, A
53	2328	99.4	437	48 US-60-495-114-2201	Sequence 2201, App
54	2328	99.4	437	48 US-60-495-135-491	Sequence 491, App
55	2328	99.4	437	50 US-60-625-561-205	Sequence 205, App

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57	2319	99.0	437	1	PCT-US02-09671-1588	Sequence 1588, Ap	130	2297.5	98.1	432	30	US-10-020-067A-275	Sequence 275, App
58	2319	99.0	437	27	US-09-776-191-4	Sequence 4, Appl1	131	2297.5	98.1	432	30	US-10-052-586-330	Sequence 330, App
59	2319	99.0	437	31	US-10-156-214A-4	Sequence 1561, Ap	132	2297.5	98.1	432	30	US-10-063-502-112	Sequence 112, App
60	2319	99.0	437	34	US-10-473-127-1583	Sequence 1583, Ap	133	2297.5	98.1	432	30	US-10-063-510-112	Sequence 112, App
61	2319	99.0	437	34	US-10-473-127-1588	Sequence 1588, Ap	134	2297.5	98.1	432	30	US-10-063-512-112	Sequence 112, App
62	2315	98.8	431	1	PCT-US05-15207-1276	Sequence 1276, Ap	135	2297.5	98.1	432	30	US-10-063-512-112	Sequence 112, App
63	2299.5	98.2	488	46	US-60-230-435-1634	Sequence 507, App	136	2297.5	98.1	432	30	US-10-063-514-112	Sequence 112, App
64	2299.5	98.2	566	46	US-60-212-659-507	Sequence 145, App	137	2297.5	98.1	432	30	US-10-063-515-112	Sequence 112, App
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ALIGNMENTS

RESULT 1

PCT-US01-18568-2
 ; Sequence 2, Application PC/TUS0118568
 ; GENERAL INFORMATION:
 ; APPLICANT: Darrow, Andrew L
 ; APPLICANT: Q1, Jian-shen
 ; APPLICANT: Andrade-Gordon, Patricia
 ; TITLE OF INVENTION: DNA encoding human serine protease D-G
 ; FILE REFERENCE: ORT-1273
 ; CURRENT APPLICATION NUMBER: PCT/US01/18568
 ; CURRENT FILING DATE: 2001-06-08
 ; NUMBER OF SEQ ID NOS: 9
 ; SOFTWARE: Patentin Ver. 2.1
 ; SEQ ID NO 2
 ; LENGTH: 435
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 PCT-US01-18568-2

Query Match 100.0%; Score 2342; DB 1; Length 435;
 Best Local Similarity 100.0%; Pred. No. 3.2e-220;
 Matches 435; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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 QY 421 SAYLNIYINVKAEI 435
 DB 421 SAYLNIYINVKAEI 435

RESULT 2
 PCT-US01-18568A-2
 ; Sequence 2, Application PC/TUS0118568A
 ; GENERAL INFORMATION:
 ; APPLICANT: Darrow, Andrew L

APPLICANT: Q1, Jian-shen
 APPLICANT: Andrade-Gordon, Patricia
 TITLE OF INVENTION: DNA encoding human serine protease D-G
 FILE REFERENCE: ORT-1273
 CURRENT APPLICATION NUMBER: PCT/US01/18568A
 CURRENT FILING DATE: 2001-06-08
 NUMBER OF SEQ ID NOS: 9
 SOFTWARE: Patentin Ver. 2.1
 SEQ ID NO 2
 LENGTH: 435
 TYPE: PRT
 ORGANISM: Homo sapiens
 PCT-US01-18568A-2

Query Match 100.0%; Score 2342; DB 1; Length 435;
 Best Local Similarity 100.0%; Pred. No. 3.2e-220;
 Matches 435; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 3
 PCT-US02-09671-1578
 ; Sequence 1578, Application PC/TUS0209671
 ; GENERAL INFORMATION:
 ; APPLICANT: Zycoo Inc.
 ; TITLE OF INVENTION: TRANSLATIONAL PROFILING
 ; FILE REFERENCE: 08191-026W01
 ; CURRENT APPLICATION NUMBER: PCT/US02/09671
 ; CURRENT FILING DATE: 2002-03-28
 ; PRIOR APPLICATION NUMBER: 60/279,495
 ; PRIOR FILING DATE: 2001-03-28
 ; PRIOR APPLICATION NUMBER: 60/292,544
 ; PRIOR FILING DATE: 2001-05-21
 ; PRIOR APPLICATION NUMBER: 60/310,801
 ; PRIOR FILING DATE: 2001-08-08
 ; PRIOR APPLICATION NUMBER: 60/326,370
 ; PRIOR FILING DATE: 2001-10-01
 ; PRIOR APPLICATION NUMBER: 60/336,780
 ; PRIOR FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: 60/358,985
 ; PRIOR FILING DATE: 2002-02-20
 ; NUMBER OF SEQ ID NOS: 2041

SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1578
LENGTH: 435
TYPE: PRT
ORGANISM: Homo sapiens
PCT-US02-09671-1578

Query Match 100.0%; Score 2342; DB 1; Length 435;
Best Local Similarity 100.0%; Pred. No. 3.2e-220;
Matches 435; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 61 LCGQPLHFIPRKOLCGEELDCPLGEDEBHCYVSFPGPAVAVRLSKDRSTLOVLSATGN 120
QY 121 WFSACFDNFTALAEACRQMGYSKPTFRAVEIGPDOLDVVEITENSQELRMNNSGP 180
DB 121 WFSACFDNFTALAEACRQMGYSKPTFRAVEIGPDOLDVVEITENSQELRMNNSGP 180
QY 181 CUSGSLVSLHCLACGSLKTPRVVGGEEASVDSWPQVSIQYDKQHVCGGSLIDPHWVLT 240
DB 181 CUSGSLVSLHCLACGSLKTPRVVGGEEASVDSWPQVSIQYDKQHVCGGSLIDPHWVLT 240
QY 241 AAHCFRKHDTVFNWKVRAGSDKLSFSPSLAVAKITIIIEPNMPYKNDIAMLKQFPLTF 300
DB 241 AAHCFRKHDTVFNWKVRAGSDKLSFSPSLAVAKITIIIEPNMPYKNDIAMLKQFPLTF 300
QY 301 SGTVPRICTPFDEELTPATPLMIIGWFTKONGKMSDILLQASVQYIDSTRCNADAY 360
DB 301 SGTVPRICTPFDEELTPATPLMIIGWFTKONGKMSDILLQASVQYIDSTRCNADAY 360
QY 361 QGEVTERKMKACGIPREGVDTCCGDSGGLPMTQSDQMHVAVGISWGYGGGPGSTGVYTKV 420
DB 361 QGEVTERKMKACGIPREGVDTCCGDSGGLPMTQSDQMHVAVGISWGYGGGPGSTGVYTKV 420
QY 421 SAYLNMWYVWKAEI 435
DB 421 SAYLNMWYVWKAEI 435
```

RESULT 4

PCT-US02-09671-1597
Sequence 1597, Application PC/TUS0209671
GENERAL INFORMATION:
APPLICANT: Zycos Inc.
TITLE OF INVENTION: TRANSLATIONAL PROFILING
FILE REFERENCE: 08191-026WO1
CURRENT APPLICATION NUMBER: PCT/US02/09671
CURRENT FILING DATE: 2002-03-28
PRIOR APPLICATION NUMBER: 60/279,495
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 60/292,544
PRIOR FILING DATE: 2001-05-21
PRIOR APPLICATION NUMBER: 60/310,801
PRIOR FILING DATE: 2001-08-08
PRIOR APPLICATION NUMBER: 60/326,370
PRIOR FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: 60/336,780
PRIOR FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: 60/358,985
PRIOR FILING DATE: 2002-02-20
NUMBER OF SEQ ID NOS: 2041
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1597
LENGTH: 435
TYPE: PRT
ORGANISM: Homo sapiens
PCT-US02-09671-1597

Query Match 100.0%; Score 2342; DB 1; Length 435;
Best Local Similarity 100.0%; Pred. No. 3.2e-220;
Matches 435; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 MDPDSOPLNSLVKPKRKRIEMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYF 60
DB 1 MDPDSOPLNSLVKPKRKRIEMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYF 60
QY 61 LCGQPLHFIPRKOLCGEELDCPLGEDEBHCYVSFPGPAVAVRLSKDRSTLOVLSATGN 120
DB 61 LCGQPLHFIPRKOLCGEELDCPLGEDEBHCYVSFPGPAVAVRLSKDRSTLOVLSATGN 120
QY 121 WFSACFDNFTALAEACRQMGYSKPTFRAVEIGPDOLDVVEITENSQELRMNNSGP 180
DB 121 WFSACFDNFTALAEACRQMGYSKPTFRAVEIGPDOLDVVEITENSQELRMNNSGP 180
QY 181 CUSGSLVSLHCLACGSLKTPRVVGGEEASVDSWPQVSIQYDKQHVCGGSLIDPHWVLT 240
DB 181 CUSGSLVSLHCLACGSLKTPRVVGGEEASVDSWPQVSIQYDKQHVCGGSLIDPHWVLT 240
QY 241 AAHCFRKHDTVFNWKVRAGSDKLSFSPSLAVAKITIIIEPNMPYKNDIAMLKQFPLTF 300
DB 241 AAHCFRKHDTVFNWKVRAGSDKLSFSPSLAVAKITIIIEPNMPYKNDIAMLKQFPLTF 300
QY 301 SGTVPRICTPFDEELTPATPLMIIGWFTKONGKMSDILLQASVQYIDSTRCNADAY 360
DB 301 SGTVPRICTPFDEELTPATPLMIIGWFTKONGKMSDILLQASVQYIDSTRCNADAY 360
QY 361 QGEVTERKMKACGIPREGVDTCCGDSGGLPMTQSDQMHVAVGISWGYGGGPGSTGVYTKV 420
DB 361 QGEVTERKMKACGIPREGVDTCCGDSGGLPMTQSDQMHVAVGISWGYGGGPGSTGVYTKV 420
QY 421 SAYLNMWYVWKAEI 435
DB 421 SAYLNMWYVWKAEI 435
```

RESULT 5

US-10-030-688-2
Sequence 2, Application US/10030688
GENERAL INFORMATION:
APPLICANT: Merck Patent GmbH
TITLE OF INVENTION: Seripancrin
FILE REFERENCE: SeripancrinUS
CURRENT APPLICATION NUMBER: US/10/030,688
CURRENT FILING DATE: 2002-01-14
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
LENGTH: 435
TYPE: PRT
ORGANISM: Homo sapiens
US-10-030-688-2

Query Match 100.0%; Score 2342; DB 30; Length 435;
Best Local Similarity 100.0%; Pred. No. 3.2e-220;
Matches 435; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
QY 1 MDPDSOPLNSLVKPKRKRIEMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYF 60
DB 1 MDPDSOPLNSLVKPKRKRIEMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYF 60
QY 61 LCGQPLHFIPRKOLCGEELDCPLGEDEBHCYVSFPGPAVAVRLSKDRSTLOVLSATGN 120
DB 61 LCGQPLHFIPRKOLCGEELDCPLGEDEBHCYVSFPGPAVAVRLSKDRSTLOVLSATGN 120
QY 121 WFSACFDNFTALAEACRQMGYSKPTFRAVEIGPDOLDVVEITENSQELRMNNSGP 180
DB 121 WFSACFDNFTALAEACRQMGYSKPTFRAVEIGPDOLDVVEITENSQELRMNNSGP 180
QY 181 CUSGSLVSLHCLACGSLKTPRVVGGEEASVDSWPQVSIQYDKQHVCGGSLIDPHWVLT 240
DB 181 CUSGSLVSLHCLACGSLKTPRVVGGEEASVDSWPQVSIQYDKQHVCGGSLIDPHWVLT 240
```

QY 241 AAHCRKTDVFNMKVRAGSDKLSFPSLAIAKIIIEFNPMYPRKNDIALMKLOPPLTF 300
DB 241 AAHCRKTDVFNMKVRAGSDKLSFPSLAIAKIIIEFNPMYPRKNDIALMKLOPPLTF 300
QY 301 SGTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADAY 360
DB 301 SGTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADAY 360
QY 361 QGEVTERKMCAGIPGEGVDTCQDSSGGLPMATQSDQMHVGVISWYCGCGPSTPGVYTKV 420
DB 361 QGEVTERKMCAGIPGEGVDTCQDSSGGLPMATQSDQMHVGVISWYCGCGPSTPGVYTKV 420
QY 421 SAYLNMWYVWKAEI 435
DB 421 SAYLNMWYVWKAEI 435

RESULT 6
US-10-473-127-1578
Sequence 1578, Application US/10473127
GENERAL INFORMATION:
APPLICANT: Zycos Inc.
TITLE OF INVENTION: TRANSLATIONAL PROFILING
FILE REFERENCE: 08191-026W01
CURRENT APPLICATION NUMBER: US/10/473,127
PRIOR FILING DATE: 2003-09-26
PRIOR APPLICATION NUMBER: 60/279,495
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 60/292,544
PRIOR FILING DATE: 2001-05-21
PRIOR APPLICATION NUMBER: 60/310,801
PRIOR FILING DATE: 2001-08-08
PRIOR APPLICATION NUMBER: 60/326,370
PRIOR FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: 60/336,780
PRIOR FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: 60/358,985
PRIOR FILING DATE: 2002-02-20
NUMBER OF SEQ ID NOS: 2041
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 1578
LENGTH: 435
TYPE: PRT
ORGANISM: Homo sapiens
US-10-473-127-1578

Query Match 100.0%; Score 2342; DB 34; Length 435;
Best Local Similarity 100.0%; Pred. No. 3.2e-220;
Matches 435; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDPSDQPLNSLDVPRKPRIPMETFRKVGIPITIIALLSLASIIIVVLLKVLIDKYYF 60
DB 1 MDPSDQPLNSLDVPRKPRIPMETFRKVGIPITIIALLSLASIIIVVLLKVLIDKYYF 60
QY 61 LCGQPLHPIPRKQICDGLDCEPLGDEDEHCVKSPFEGPAVAVRLSKRSTIQVDSATGN 120
DB 61 LCGQPLHPIPRKQICDGLDCEPLGDEDEHCVKSPFEGPAVAVRLSKRSTIQVDSATGN 120
QY 121 WFSACFDNFTEALATACRQWYSSKPTFRAVEIGPDODLVEITENSQELRMNNSGP 180
DB 121 WFSACFDNFTEALATACRQWYSSKPTFRAVEIGPDODLVEITENSQELRMNNSGP 180
QY 181 CLSGSLVSLHCLACGKSLKTPRVVGGEBASVDSWPMQVSIQYDKQHVCGSILDBHWLTL 240
DB 181 CLSGSLVSLHCLACGKSLKTPRVVGGEBASVDSWPMQVSIQYDKQHVCGSILDBHWLTL 240
QY 241 AAHCRKTDVFNMKVRAGSDKLSFPSLAIAKIIIEFNPMYPRKNDIALMKLOPPLTF 300
DB 241 AAHCRKTDVFNMKVRAGSDKLSFPSLAIAKIIIEFNPMYPRKNDIALMKLOPPLTF 300
QY 301 SGTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADAY 360
DB 301 SGTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADAY 360

DB 301 SGTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADAY 360
QY 361 QGEVTERKMCAGIPGEGVDTCQDSSGGLPMATQSDQMHVGVISWYCGCGPSTPGVYTKV 420
DB 361 QGEVTERKMCAGIPGEGVDTCQDSSGGLPMATQSDQMHVGVISWYCGCGPSTPGVYTKV 420
QY 421 SAYLNMWYVWKAEI 435
DB 421 SAYLNMWYVWKAEI 435

RESULT 7
US-10-473-127-1597
Sequence 1597, Application US/10473127
GENERAL INFORMATION:
APPLICANT: Zycos Inc.
TITLE OF INVENTION: TRANSLATIONAL PROFILING
FILE REFERENCE: 08191-026W01
CURRENT APPLICATION NUMBER: US/10/473,127
PRIOR FILING DATE: 2003-09-26
PRIOR APPLICATION NUMBER: 60/279,495
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 60/292,544
PRIOR FILING DATE: 2001-05-21
PRIOR APPLICATION NUMBER: 60/310,801
PRIOR FILING DATE: 2001-08-08
PRIOR APPLICATION NUMBER: 60/326,370
PRIOR FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: 60/336,780
PRIOR FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: 60/358,985
PRIOR FILING DATE: 2002-02-20
NUMBER OF SEQ ID NOS: 2041
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 1597
LENGTH: 435
TYPE: PRT
ORGANISM: Homo sapiens
US-10-473-127-1597

Query Match 100.0%; Score 2342; DB 34; Length 435;
Best Local Similarity 100.0%; Pred. No. 3.2e-220;
Matches 435; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDPSDQPLNSLDVPRKPRIPMETFRKVGIPITIIALLSLASIIIVVLLKVLIDKYYF 60
DB 1 MDPSDQPLNSLDVPRKPRIPMETFRKVGIPITIIALLSLASIIIVVLLKVLIDKYYF 60
QY 61 LCGQPLHPIPRKQICDGLDCEPLGDEDEHCVKSPFEGPAVAVRLSKRSTIQVDSATGN 120
DB 61 LCGQPLHPIPRKQICDGLDCEPLGDEDEHCVKSPFEGPAVAVRLSKRSTIQVDSATGN 120
QY 121 WFSACFDNFTEALATACRQWYSSKPTFRAVEIGPDODLVEITENSQELRMNNSGP 180
DB 121 WFSACFDNFTEALATACRQWYSSKPTFRAVEIGPDODLVEITENSQELRMNNSGP 180
QY 181 CLSGSLVSLHCLACGKSLKTPRVVGGEBASVDSWPMQVSIQYDKQHVCGSILDBHWLTL 240
DB 181 CLSGSLVSLHCLACGKSLKTPRVVGGEBASVDSWPMQVSIQYDKQHVCGSILDBHWLTL 240
QY 241 AAHCRKTDVFNMKVRAGSDKLSFPSLAIAKIIIEFNPMYPRKNDIALMKLOPPLTF 300
DB 241 AAHCRKTDVFNMKVRAGSDKLSFPSLAIAKIIIEFNPMYPRKNDIALMKLOPPLTF 300
QY 301 SGTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADAY 360
DB 301 SGTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADAY 360
QY 361 QGEVTERKMCAGIPGEGVDTCQDSSGGLPMATQSDQMHVGVISWYCGCGPSTPGVYTKV 420
DB 361 QGEVTERKMCAGIPGEGVDTCQDSSGGLPMATQSDQMHVGVISWYCGCGPSTPGVYTKV 420
QY 421 SAYLNMWYVWKAEI 435
DB 421 SAYLNMWYVWKAEI 435

Db 421 SAYLNMWYVWKAEL 435

RESULT 8
US-10-803-530-2
Sequence 2, Application US/10803530
GENERAL INFORMATION:
APPLICANT: Darrow, Andrew L
APPLICANT: Qi, Jia-shen
APPLICANT: Andrade-Gordon, Patricia
TITLE OF INVENTION: DNA encoding human serine protease D-G
FILE REFERENCE: ORT-1273
CURRENT APPLICATION NUMBER: US/10/803,530
PRIOR FILING DATE: 2004-03-17
PRIOR APPLICATION NUMBER: US/09/607,745
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
LENGTH: 435
TYPE: PRT
ORGANISM: Homo sapiens
US-10-803-530-2

Query Match 100.0%; Score 2342; DB 38; Length 435;
Best Local Similarity 100.0%; Pred. No. 3.2e-220; Indels 0; Gaps 0;
Matches 435; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDPDSQPLNSLDVRLKRPRIEMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKYF 60
Db 1 MDPDSQPLNSLDVRLKRPRIEMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKYF 60
QY 61 LCGQPLHFIIPRKQCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDSTTQVLDATGN 120
Db 61 LCGQPLHFIIPRKQCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDSTTQVLDATGN 120
QY 121 WFSACFDNFTALAEACROWGSSKPTFRAVEIGPDOLDVETITENSQELRBNSSGP 180
Db 121 WFSACFDNFTALAEACROWGSSKPTFRAVEIGPDOLDVETITENSQELRBNSSGP 180
QY 181 CLSGSVLSHCLACGKSLKTPRVVGGESASVDSWPQVSIQYDKQVCGSILDPHWLT 240
Db 181 CLSGSVLSHCLACGKSLKTPRVVGGESASVDSWPQVSIQYDKQVCGSILDPHWLT 240
QY 241 AAHCFRKHITDVNMKVRASDGLGSPSLAVAKIIIEFNMYPKNDIALMKLOPPLTF 300
Db 241 AAHCFRKHITDVNMKVRASDGLGSPSLAVAKIIIEFNMYPKNDIALMKLOPPLTF 300
QY 301 SGTVPICLPFFDELTPTATPLMTIIGWFTKONGKMSDILLQASVQVLDISTRCANADAY 360
Db 301 SGTVPICLPFFDELTPTATPLMTIIGWFTKONGKMSDILLQASVQVLDISTRCANADAY 360
QY 361 QGEVTEKMMCAIGIEGVDITCQDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKV 420
Db 361 QGEVTEKMMCAIGIEGVDITCQDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKV 420
QY 421 SAYLNMWYVWKAEL 435
Db 421 SAYLNMWYVWKAEL 435

RESULT 9
PCT-US04-15258-3
Sequence 3, Application PC/TUS0415258
GENERAL INFORMATION:
APPLICANT: diadexus, Inc.
APPLICANT: Pilkington, Glenn
APPLICANT: Kellier, Gilbert-Andre
APPLICANT: Li, Wenlu
APPLICANT: Cortal, Laura
APPLICANT: Simon, Iris
TITLE OF INVENTION: Ovarian Antibody Compositions and Methods of Use

FILE REFERENCE: DEX-0484
CURRENT APPLICATION NUMBER: PCT/US04/15258
CURRENT FILING DATE: 2004-05-21
PRIOR APPLICATION NUMBER: US 60/559,730
PRIOR FILING DATE: 2004-04-05
PRIOR APPLICATION NUMBER: US 60/471,068
PRIOR FILING DATE: 2003-05-16
NUMBER OF SEQ ID NOS: 5
SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
LENGTH: 461
TYPE: PRT
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Synthetic
PCT-US04-15258-3

Query Match 100.0%; Score 2342; DB 1; Length 461;
Best Local Similarity 100.0%; Pred. No. 3.4e-220; Indels 0; Gaps 0;
Matches 435; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDPDSQPLNSLDVRLKRPRIEMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKYF 60
Db 1 MDPDSQPLNSLDVRLKRPRIEMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKYF 60
QY 61 LCGQPLHFIIPRKQCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDSTTQVLDATGN 120
Db 61 LCGQPLHFIIPRKQCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDSTTQVLDATGN 120
QY 121 WFSACFDNFTALAEACROWGSSKPTFRAVEIGPDOLDVETITENSQELRBNSSGP 180
Db 121 WFSACFDNFTALAEACROWGSSKPTFRAVEIGPDOLDVETITENSQELRBNSSGP 180
QY 181 CLSGSVLSHCLACGKSLKTPRVVGGESASVDSWPQVSIQYDKQVCGSILDPHWLT 240
Db 181 CLSGSVLSHCLACGKSLKTPRVVGGESASVDSWPQVSIQYDKQVCGSILDPHWLT 240
QY 241 AAHCFRKHITDVNMKVRASDGLGSPSLAVAKIIIEFNMYPKNDIALMKLOPPLTF 300
Db 241 AAHCFRKHITDVNMKVRASDGLGSPSLAVAKIIIEFNMYPKNDIALMKLOPPLTF 300
QY 301 SGTVPICLPFFDELTPTATPLMTIIGWFTKONGKMSDILLQASVQVLDISTRCANADAY 360
Db 301 SGTVPICLPFFDELTPTATPLMTIIGWFTKONGKMSDILLQASVQVLDISTRCANADAY 360
QY 361 QGEVTEKMMCAIGIEGVDITCQDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKV 420
Db 361 QGEVTEKMMCAIGIEGVDITCQDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKV 420
QY 421 SAYLNMWYVWKAEL 435
Db 421 SAYLNMWYVWKAEL 435

RESULT 10
PCT-US04-20741-7
Sequence 7, Application PC/TUS0420741
GENERAL INFORMATION:
APPLICANT: diadexus, Inc.
APPLICANT: Padkoff, Jackie
APPLICANT: Pilkington, Glenn
APPLICANT: Kellier, Gilbert-Andre
APPLICANT: Li, Wenlu
APPLICANT: Cortal, Laura
APPLICANT: Simon, Iris
APPLICANT: Kmet, Muriel
TITLE OF INVENTION: Pro104 Antibody Compositions and Methods of Use
FILE REFERENCE: DEX-0491
CURRENT APPLICATION NUMBER: PCT/US04/20741
CURRENT FILING DATE: 2004-07-06
PRIOR APPLICATION NUMBER: US 60/523,271
PRIOR FILING DATE: 2003-11-17

PRIOR APPLICATION NUMBER: US 60/485,346

PRIOR FILING DATE: 2003-06-27

NUMBER OF SEQ ID NOS: 38

SOFTWARE: PatentIn version 3.1

SEQ ID NO: 7

LENGTH: 461

TYPE: PRT

ORGANISM: Homo sapiens

PCT-US04-20741-7

Query Match

Best Local Similarity 100.0%; Score 2342; DB 1; Length 461;

Mismatches 435; Conservative 0; Indels 0; Gaps 0;

```

QY 1 MDPSDQPLNSLDVPRKRPRIPIIALLSLASIIIVVLIKVLIDKYYF 60
DB 1 MDPSDQPLNSLDVPRKRPRIPIIALLSLASIIIVVLIKVLIDKYYF 60
QY 61 LCGPPLHPIPRKQCDGELDCPLGDEBHCYKSPFEGPAVAVRISKORSTLQVLDATGN 120
DB 61 LCGPPLHPIPRKQCDGELDCPLGDEBHCYKSPFEGPAVAVRISKORSTLQVLDATGN 120
QY 121 WFSACFDNFTALAEACRQWGSKPTFAVEIGPDODLVVEITENSQELRMNSGP 180
DB 121 WFSACFDNFTALAEACRQWGSKPTFAVEIGPDODLVVEITENSQELRMNSGP 180
QY 121 WFSACFDNFTALAEACRQWGSKPTFAVEIGPDODLVVEITENSQELRMNSGP 180
DB 121 WFSACFDNFTALAEACRQWGSKPTFAVEIGPDODLVVEITENSQELRMNSGP 180
QY 181 CLSGSLVSLHCLACGSKLKTFRVVGGEASVDSWPMQVSIQYDKQHVCGSILDPHWLT 240
DB 181 CLSGSLVSLHCLACGSKLKTFRVVGGEASVDSWPMQVSIQYDKQHVCGSILDPHWLT 240
QY 181 CLSGSLVSLHCLACGSKLKTFRVVGGEASVDSWPMQVSIQYDKQHVCGSILDPHWLT 240
DB 181 CLSGSLVSLHCLACGSKLKTFRVVGGEASVDSWPMQVSIQYDKQHVCGSILDPHWLT 240
QY 241 AAHCFRKHITDVFNKVRAGSDKLSFSLAVAKIIIEFNMYPRKNDIALMKLOPLTF 300
DB 241 AAHCFRKHITDVFNKVRAGSDKLSFSLAVAKIIIEFNMYPRKNDIALMKLOPLTF 300
QY 241 AAHCFRKHITDVFNKVRAGSDKLSFSLAVAKIIIEFNMYPRKNDIALMKLOPLTF 300
DB 241 AAHCFRKHITDVFNKVRAGSDKLSFSLAVAKIIIEFNMYPRKNDIALMKLOPLTF 300
QY 301 SGTVRPCLPFDEBELPATPLMIIGWFTKONGSKMSDILLQASVOYIDSTRCANADAY 360
DB 301 SGTVRPCLPFDEBELPATPLMIIGWFTKONGSKMSDILLQASVOYIDSTRCANADAY 360
QY 301 SGTVRPCLPFDEBELPATPLMIIGWFTKONGSKMSDILLQASVOYIDSTRCANADAY 360
DB 301 SGTVRPCLPFDEBELPATPLMIIGWFTKONGSKMSDILLQASVOYIDSTRCANADAY 360
QY 361 QGEVTEKMKCAGIPGGVDTCQDGSGLPLMYOSDMHVVGIVSMGYGGGSGTGVYTKV 420
DB 361 QGEVTEKMKCAGIPGGVDTCQDGSGLPLMYOSDMHVVGIVSMGYGGGSGTGVYTKV 420
QY 361 QGEVTEKMKCAGIPGGVDTCQDGSGLPLMYOSDMHVVGIVSMGYGGGSGTGVYTKV 420
DB 361 QGEVTEKMKCAGIPGGVDTCQDGSGLPLMYOSDMHVVGIVSMGYGGGSGTGVYTKV 420
QY 421 SAYLMIYVWKAEL 435
DB 421 SAYLMIYVWKAEL 435
QY 421 SAYLMIYVWKAEL 435
DB 421 SAYLMIYVWKAEL 435

```

RESULT 11

PCT-US02-09671-1596

Sequence 1596, Application PC/TUS0209671

GENERAL INFORMATION:

APPLICANT: Zycos Inc.

TITLE OF INVENTION: TRANSLATIONAL PROFILING

FILE REFERENCE: 08191-026M01

CURRENT APPLICATION NUMBER: PCT/US02/09671

CURRENT FILING DATE: 2002-03-28

PRIOR APPLICATION NUMBER: 60/279,495

PRIOR FILING DATE: 2001-03-28

PRIOR APPLICATION NUMBER: 60/292,544

PRIOR FILING DATE: 2001-05-21

PRIOR APPLICATION NUMBER: 60/310,801

PRIOR FILING DATE: 2001-08-08

PRIOR APPLICATION NUMBER: 60/326,370

PRIOR FILING DATE: 2001-10-01

PRIOR APPLICATION NUMBER: 60/336,780

PRIOR FILING DATE: 2001-12-04

PRIOR APPLICATION NUMBER: 60/358,985

PRIOR FILING DATE: 2002-02-20

NUMBER OF SEQ ID NOS: 2041

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 1596

LENGTH: 435

TYPE: PRT

ORGANISM: Homo sapiens

PCT-US02-09671-1596

Query Match

Best Local Similarity 99.8%; Score 2338; DB 1; Length 435;

Mismatches 434; Conservative 1; Indels 0; Gaps 0;

```

QY 1 MDPSDQPLNSLDVPRKRPRIPIIALLSLASIIIVVLIKVLIDKYYF 60
DB 1 MDPSDQPLNSLDVPRKRPRIPIIALLSLASIIIVVLIKVLIDKYYF 60
QY 61 LCGPPLHPIPRKQCDGELDCPLGDEBHCYKSPFEGPAVAVRISKORSTLQVLDATGN 120
DB 61 LCGPPLHPIPRKQCDGELDCPLGDEBHCYKSPFEGPAVAVRISKORSTLQVLDATGN 120
QY 121 WFSACFDNFTALAEACRQWGSKPTFAVEIGPDODLVVEITENSQELRMNSGP 180
DB 121 WFSACFDNFTALAEACRQWGSKPTFAVEIGPDODLVVEITENSQELRMNSGP 180
QY 121 WFSACFDNFTALAEACRQWGSKPTFAVEIGPDODLVVEITENSQELRMNSGP 180
DB 121 WFSACFDNFTALAEACRQWGSKPTFAVEIGPDODLVVEITENSQELRMNSGP 180
QY 181 CLSGSLVSLHCLACGSKLKTFRVVGGEASVDSWPMQVSIQYDKQHVCGSILDPHWLT 240
DB 181 CLSGSLVSLHCLACGSKLKTFRVVGGEASVDSWPMQVSIQYDKQHVCGSILDPHWLT 240
QY 181 CLSGSLVSLHCLACGSKLKTFRVVGGEASVDSWPMQVSIQYDKQHVCGSILDPHWLT 240
DB 181 CLSGSLVSLHCLACGSKLKTFRVVGGEASVDSWPMQVSIQYDKQHVCGSILDPHWLT 240
QY 241 AAHCFRKHITDVFNKVRAGSDKLSFSLAVAKIIIEFNMYPRKNDIALMKLOPLTF 300
DB 241 AAHCFRKHITDVFNKVRAGSDKLSFSLAVAKIIIEFNMYPRKNDIALMKLOPLTF 300
QY 241 AAHCFRKHITDVFNKVRAGSDKLSFSLAVAKIIIEFNMYPRKNDIALMKLOPLTF 300
DB 241 AAHCFRKHITDVFNKVRAGSDKLSFSLAVAKIIIEFNMYPRKNDIALMKLOPLTF 300
QY 301 SGTVRPCLPFDEBELPATPLMIIGWFTKONGSKMSDILLQASVOYIDSTRCANADAY 360
DB 301 SGTVRPCLPFDEBELPATPLMIIGWFTKONGSKMSDILLQASVOYIDSTRCANADAY 360
QY 301 SGTVRPCLPFDEBELPATPLMIIGWFTKONGSKMSDILLQASVOYIDSTRCANADAY 360
DB 301 SGTVRPCLPFDEBELPATPLMIIGWFTKONGSKMSDILLQASVOYIDSTRCANADAY 360
QY 361 QGEVTEKMKCAGIPGGVDTCQDGSGLPLMYOSDMHVVGIVSMGYGGGSGTGVYTKV 420
DB 361 QGEVTEKMKCAGIPGGVDTCQDGSGLPLMYOSDMHVVGIVSMGYGGGSGTGVYTKV 420
QY 361 QGEVTEKMKCAGIPGGVDTCQDGSGLPLMYOSDMHVVGIVSMGYGGGSGTGVYTKV 420
DB 361 QGEVTEKMKCAGIPGGVDTCQDGSGLPLMYOSDMHVVGIVSMGYGGGSGTGVYTKV 420
QY 421 SAYLMIYVWKAEL 435
DB 421 SAYLMIYVWKAEL 435
QY 421 SAYLMIYVWKAEL 435
DB 421 SAYLMIYVWKAEL 435

```

RESULT 12

US-09-659-151-6

Sequence 6, Application US/09659151

GENERAL INFORMATION:

APPLICANT: Bandman, Olga

Yue, Henry

Guegler, Karl J.

Corley, Neil C.

Tang, Tom Y.

Shah, Purvi

TITLE OF INVENTION: HUMAN PROTEASE MOLECULES

NUMBER OF SEQUENCES: 24

CORRESPONDENCE ADDRESS:

ADDRESSER: Incyte Pharmaceuticals, Inc.

STREET: 3174 Porter Dr.

CITY: Palo Alto

STATE: CA

COUNTRY: USA

ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/659,151

FILING DATE: 11-Sep-2000

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/008,271

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Mohan-Peterson, Sheela

TITLE OF INVENTION: TRANSLATIONAL PROFILING
FILE REFERENCE: 08191-028W01
CURRENT APPLICATION NUMBER: US/10/473,127
CURRENT FILING DATE: 2003-09-26
PRIOR APPLICATION NUMBER: 60/279,495
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 60/292,544
PRIOR FILING DATE: 2001-05-21
PRIOR APPLICATION NUMBER: 60/310,801
PRIOR FILING DATE: 2001-08-08
PRIOR APPLICATION NUMBER: 60/326,370
PRIOR FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: 60/336,780
PRIOR FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: 60/358,985
PRIOR FILING DATE: 2002-02-20
NUMBER OF SEQ ID NOS: 2041
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO: 1596
LENGTH: 435
TYPE: PRT
ORGANISM: Homo sapiens
US-10-473-127-1596

Query Match 99.8%; Score 2338; DB 34; Length 435;
Best Local Similarity 99.8%; Pred. No. 7.8e-220;
Matches 434; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

1 MDPSDQPLNSLDVYKPLKPRIPMETFRKVGIPITIALSLASIIIVVLLKVLIDKXYF 60
1 MDPSDQPLNSLDVYKPLKPRIPMETFRKVGIPITIALSLASIIIVVLLKVLIDKXYF 60
61 LCGPLHPIPRKQLCDGLDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTIQVLDATGN 120
61 LCGPLHPIPRKQLCDGLDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTIQVLDATGN 120
61 LCGPLHPIPRKQLCDGLDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTIQVLDATGN 120
121 WFSACFDNFTEALTAETACRQWYSSKPTFRAVEIGPDDLDVVEITENSQELRMNNSGP 180
121 WFSACFDNFTEALTAETACRQWYSSKPTFRAVEIGPDDLDVVEITENSQELRMNNSGP 180
121 WFSACFDNFTEALTAETACRQWYSSKPTFRAVEIGPDDLDVVEITENSQELRMNNSGP 180
181 CLSGSLVSLHCLACGSKLKTFRVVGGEASVDSMPWQVSIQYDKQHVCGGSLIDPHWVLT 240
181 CLSGSLVSLHCLACGSKLKTFRVVGGEASVDSMPWQVSIQYDKQHVCGGSLIDPHWVLT 240
181 CLSGSLVSLHCLACGSKLKTFRVVGGEASVDSMPWQVSIQYDKQHVCGGSLIDPHWVLT 240
241 AAHCRKHTDVFNWVRAGSDKLSFSLAVAKIIIEFNPMYPRKNDIALMKLOFPLTF 300
241 AAHCRKHTDVFNWVRAGSDKLSFSLAVAKIIIEFNPMYPRKNDIALMKLOFPLTF 300
301 SGTVPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCANADAY 360
301 SGTVPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCANADAY 360
301 SGTVPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCANADAY 360
361 QGEVTERKMCAGIPREGVDTCCGDSGGLPMYOSDOMHVVGIYSWYGGCGPSTPGVYTKV 420
361 QGEVTERKMCAGIPREGVDTCCGDSGGLPMYOSDOMHVVGIYSWYGGCGPSTPGVYTKV 420
361 QGEVTERKMCAGIPREGVDTCCGDSGGLPMYOSDOMHVVGIYSWYGGCGPSTPGVYTKV 420
421 SAYLNMIVYVWKAEL 435
421 SAYLNMIVYVWKAEL 435

RESULT 15
US-11-045-577-6
Sequence 6, Application US/11045577
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
Hillman, Jennifer L.
Yue, Henry
Guegler, Karl J.
Corley, Neil C.
Tang, Tom Y.
Shah, Purvi
TITLE OF INVENTION: HUMAN PROTEASE MOLECULES

NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Dr.
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/11/045,577
FILING DATE: 27-Jan-2005
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/659,151
FILING DATE: 11-Sep-2000
APPLICATION NUMBER: 09/008,271
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Mohan-Peterson, Sheela
REGISTRATION NUMBER: 41,201
REFERENCE/DOCKET NUMBER: PF-0458 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
TELEFAX: 650-845-4166
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 435 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: COLNOT13
CLONE: 1337018
SEQUENCE DESCRIPTION: SEQ ID NO: 6 :

Query Match 99.8%; Score 2338; DB 40; Length 435;
Best Local Similarity 99.8%; Pred. No. 7.8e-220;
Matches 434; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

1 MDPSDQPLNSLDVYKPLKPRIPMETFRKVGIPITIALSLASIIIVVLLKVLIDKXYF 60
1 MDPSDQPLNSLDVYKPLKPRIPMETFRKVGIPITIALSLASIIIVVLLKVLIDKXYF 60
61 LCGPLHPIPRKQLCDGLDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTIQVLDATGN 120
61 LCGPLHPIPRKQLCDGLDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTIQVLDATGN 120
61 LCGPLHPIPRKQLCDGLDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTIQVLDATGN 120
121 WFSACFDNFTEALTAETACRQWYSSKPTFRAVEIGPDDLDVVEITENSQELRMNNSGP 180
121 WFSACFDNFTEALTAETACRQWYSSKPTFRAVEIGPDDLDVVEITENSQELRMNNSGP 180
121 WFSACFDNFTEALTAETACRQWYSSKPTFRAVEIGPDDLDVVEITENSQELRMNNSGP 180
181 CLSGSLVSLHCLACGSKLKTFRVVGGEASVDSMPWQVSIQYDKQHVCGGSLIDPHWVLT 240
181 CLSGSLVSLHCLACGSKLKTFRVVGGEASVDSMPWQVSIQYDKQHVCGGSLIDPHWVLT 240
181 CLSGSLVSLHCLACGSKLKTFRVVGGEASVDSMPWQVSIQYDKQHVCGGSLIDPHWVLT 240
241 AAHCRKHTDVFNWVRAGSDKLSFSLAVAKIIIEFNPMYPRKNDIALMKLOFPLTF 300
241 AAHCRKHTDVFNWVRAGSDKLSFSLAVAKIIIEFNPMYPRKNDIALMKLOFPLTF 300
301 SGTVPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCANADAY 360
301 SGTVPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCANADAY 360
301 SGTVPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCANADAY 360
361 QGEVTERKMCAGIPREGVDTCCGDSGGLPMYOSDOMHVVGIYSWYGGCGPSTPGVYTKV 420
361 QGEVTERKMCAGIPREGVDTCCGDSGGLPMYOSDOMHVVGIYSWYGGCGPSTPGVYTKV 420
361 QGEVTERKMCAGIPREGVDTCCGDSGGLPMYOSDOMHVVGIYSWYGGCGPSTPGVYTKV 420
421 SAYLNMIVYVWKAEL 435
421 SAYLNMIVYVWKAEL 435

Db 421 SAYINMITYNWKAEI 435

RESULT 16

US-11-183-914-6

Sequence 6, Application US/11183914

GENERAL INFORMATION:

APPLICANT: Bandman, Olga

APPLICANT: Hillman, Jennifer L.

APPLICANT: Yue, Henry

APPLICANT: Guegler, Karl J.

APPLICANT: Corley, Neil C.

APPLICANT: Tang, Tom Y.

APPLICANT: Shan, Puyi

TITLE OF INVENTION: HUMAN PROTEASE MOLECULES

NUMBER OF SEQUENCES: 24

CORRESPONDENCE ADDRESS:

ADDRESSER: Incyte Pharmaceuticals, Inc.

STREET: 3174 Porter Dr.

CITY: Palo Alto

STATE: CA

COUNTRY: USA

ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/11/183,914

FILING DATE: 19-JULY-2005

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/008,271

FILING DATE: 16-Jan-1998

PRIOR APPLICATION DATA:

APPLICATION NUMBER: <Unknown>

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Mohan-Peterson, Sheela

REGISTRATION NUMBER: 41,201

REFERENCE/DOCKET NUMBER: PF-0458 US

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-855-0555

TELEFAX: 650-845-4166

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 435 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

IMMEDIATE SOURCE:

LIBRARY: COLN00T13

CLONE: 1337018

US-11-183-914-6

Query Match 99.8%; Score 2338; DB 41; Length 435;
Best Local Similarity 99.8%; Pred. No. 7.8e-220;
Matches 434; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Db 1 MDPSDQPLNSLDVPLKRPRIPIETFRKVGIPITIALSLASIIIVVLIKILDKYFL 60
1 MDPSDQPLNSLDVPLKRPRIPIETFRKVGIPITIALSLASIIIVVLIKILDKYFL 60
QY 61 LCCQPLHFIPIRQQLCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDRSTLOVLSATGN 120
61 LCCQPLHFIPIRQQLCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDRSTLOVLSATGN 120
Db 121 WFSACDNFTFALTAETACROMGYSSKPTFRAVEIGPDOLDLVEITENSQELRMNNSGP 180
121 WFSACDNFTFALTAETACROMGYSSKPTFRAVEIGPDOLDLVEITENSQELRMNNSGP 180
QY 121 WFSACDNFTFALTAETACROMGYSSKPTFRAVEIGPDOLDLVEITENSQELRMNNSGP 180
121 WFSACDNFTFALTAETACROMGYSSKPTFRAVEIGPDOLDLVEITENSQELRMNNSGP 180
Db 181 CLSGSLVSLHCLACGSKLKTPIRVGGEASVDSWPMQVSIQYDKQHVCGGSLIDPHWVLT 240
181 CLSGSLVSLHCLACGSKLKTPIRVGGEASVDSWPMQVSIQYDKQHVCGGSLIDPHWVLT 240

Db 181 CLSGSLVSLHCLACGSKLKTPIRVGGEASVDSWPMQVSIQYDKQHVCGGSLIDPHWVLT 240
181 CLSGSLVSLHCLACGSKLKTPIRVGGEASVDSWPMQVSIQYDKQHVCGGSLIDPHWVLT 240
QY 241 AAHCRKHTDVENKRVAGSDKLGSPSLAVAKIIIEFPNPKNDIALMKLOPPLTF 300
241 AAHCRKHTDVENKRVAGSDKLGSPSLAVAKIIIEFPNPKNDIALMKLOPPLTF 300
Db 301 SGTVRPCLPPEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNDDAY 360
301 SGTVRPCLPPEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNDDAY 360
QY 361 QGEVTEROMCAGIPFEGVDTCQGDSDGGLMYOSDOMHVGVISWVGCGGSPSTPGYTRY 420
361 QGEVTEROMCAGIPFEGVDTCQGDSDGGLMYOSDOMHVGVISWVGCGGSPSTPGYTRY 420
Db 361 QGEVTEROMCAGIPFEGVDTCQGDSDGGLMYOSDOMHVGVISWVGCGGSPSTPGYTRY 420
361 QGEVTEROMCAGIPFEGVDTCQGDSDGGLMYOSDOMHVGVISWVGCGGSPSTPGYTRY 420
QY 421 SAYINMITYNWKAEI 435
421 SAYINMITYNWKAEI 435
Db 421 SAYINMITYNWKAEI 435

RESULT 17

PCT-US02-09671-1581

Sequence 1581, Application PC/TUS0209671

GENERAL INFORMATION:

APPLICANT: Zycos Inc.

TITLE OF INVENTION: TRANSLATIONAL PROFILING

FILE REFERENCE: 08191-026W01

CURRENT APPLICATION NUMBER: PCT/US02/09671

CURRENT FILING DATE: 2002-03-28

PRIOR APPLICATION NUMBER: 60/279,495

PRIOR FILING DATE: 2001-03-28

PRIOR APPLICATION NUMBER: 60/292,544

PRIOR FILING DATE: 2001-05-21

PRIOR APPLICATION NUMBER: 60/310,801

PRIOR FILING DATE: 2001-08-08

PRIOR APPLICATION NUMBER: 60/326,370

PRIOR FILING DATE: 2001-10-01

PRIOR APPLICATION NUMBER: 60/336,780

PRIOR FILING DATE: 2001-12-04

PRIOR APPLICATION NUMBER: 60/358,985

PRIOR FILING DATE: 2002-02-20

NUMBER OF SEQ ID NOS: 2041

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 1581

LENGTH: 437

TYPE: PRT

ORGANISM: Homo sapiens

PCT-US02-09671-1581

Query Match 99.8%; Score 2337; DB 1; Length 437;
Best Local Similarity 100.0%; Pred. No. 9.9e-220;
Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 DPDSQPLNSLDVPLKRPRIPIETFRKVGIPITIALSLASIIIVVLIKILDKYFL 61
4 DPDSQPLNSLDVPLKRPRIPIETFRKVGIPITIALSLASIIIVVLIKILDKYFL 63
Db 62 CGQPLHFIPIRQQLCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDRSTLOVLSATGN 121
62 CGQPLHFIPIRQQLCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDRSTLOVLSATGN 121
QY 64 CGQPLHFIPIRQQLCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDRSTLOVLSATGN 123
64 CGQPLHFIPIRQQLCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDRSTLOVLSATGN 123
Db 122 FSACDNFTFALTAETACROMGYSSKPTFRAVEIGPDOLDLVEITENSQELRMNNSGPC 181
122 FSACDNFTFALTAETACROMGYSSKPTFRAVEIGPDOLDLVEITENSQELRMNNSGPC 181
QY 124 FSACDNFTFALTAETACROMGYSSKPTFRAVEIGPDOLDLVEITENSQELRMNNSGPC 183
124 FSACDNFTFALTAETACROMGYSSKPTFRAVEIGPDOLDLVEITENSQELRMNNSGPC 183
Db 182 LSGSLVSLHCLACGSKLKTPIRVGGEASVDSWPMQVSIQYDKQHVCGGSLIDPHWVLT 241
182 LSGSLVSLHCLACGSKLKTPIRVGGEASVDSWPMQVSIQYDKQHVCGGSLIDPHWVLT 241
QY 184 LSGSLVSLHCLACGSKLKTPIRVGGEASVDSWPMQVSIQYDKQHVCGGSLIDPHWVLT 243
184 LSGSLVSLHCLACGSKLKTPIRVGGEASVDSWPMQVSIQYDKQHVCGGSLIDPHWVLT 243
Db 242 AAHCRKHTDVENKRVAGSDKLGSPSLAVAKIIIEFPNPKNDIALMKLOPPLTF 301
242 AAHCRKHTDVENKRVAGSDKLGSPSLAVAKIIIEFPNPKNDIALMKLOPPLTF 301
QY 244 AAHCRKHTDVENKRVAGSDKLGSPSLAVAKIIIEFPNPKNDIALMKLOPPLTF 303
244 AAHCRKHTDVENKRVAGSDKLGSPSLAVAKIIIEFPNPKNDIALMKLOPPLTF 303

OY	302	GTVRCLPFPPEEELTPATPLWIIIGMFTKONGGKMSDILLQASVVIDSTRCNADAYL	361
		H	
Dd	304	GTVRCICLPFEPEELTPATPLWIIIGMFTKONGGKMSDILLQASVVIDSTRCNADAYL	363
OY	362	SEVEKKMKCAGIPPEGVDPCQGDSGGAPLMYQSDOMHVIVSWGXCGGSPTEGYTTKS	421
Dd	364	GEVEKKMKCAGIPPEGVDPCQGDSGGAPLMYQSDOMHVIVSWGXCGGSPTEGYTTKS	423
OY	422	AYLNMIYNVWKAEI	435
Dd	424	AYLNMIYNVWKAEI	437

```

RESULT 18
PCT-US02-09671-1586
; Sequence 1586, Application PC/TUS0209671
; GENERAL INFORMATION:
; APPLICANT: Zycos Inc.
; TITLE OF INVENTION: TRANSLATIONAL PROFILING
; FILE REFERENCE: 08191-026W01
; CURRENT APPLICATION NUMBER: PCT/US02/09671
; PRIOR FILING DATE: 2002-03-28
; PRIOR APPLICATION NUMBER: 60/279,495
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 60/292,544
; PRIOR FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 60/310,801
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/336,370
; PRIOR FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 60/336,780
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 60/358,985
; PRIOR FILING DATE: 2002-02-20
; NUMBER OF SEQ ID NOS: 2041
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 1586
; LENGTH: 437
; TYPE: PRF
; ORGANISM: Homo sapiens
PCT-US02-09671-1586

```

Query Match	Similarity	99.8%	Score 2337	DB 1	Length 437
Best Local	Similarity	100.0%	Pred. No. 9,9e-220		
Matches 434	Conservative	0	Mismatches	20	Indels 0
					Gaps 0
QY	2	DPDSQPLNSLDVKEPLRKPRIPMETFRKVGIIIALSLASIIIVVLIKVILDKYYFL	61		
DB	4	DPDSQPLNSLDVKEPLRKPRIPMETFRKVGIIIALSLASIIIVVLIKVILDKYYFL	63		
QY	62	CGQPLHFIPIPKOLCGELDCPIGEBBEHVKSFPSPAVANVLSDRSTLYQLDSATGW	121		
DB	64	CGQPLHFIPIPKOLCGELDCPIGEBBEHVKSFPSPAPAVNLSDRSTLYQLDSATGW	123		
QY	122	FSACDNFTEALAEATACROMGYSKPTFPAVEIGPDQDVVEITENSQELMRMSGBC	181		
DB	124	FSACDNFTEALAEATACROMGYSKPTFPAVEIGPDQDVVEITENSQELMRMSGBC	183		
QY	182	LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSMPWQVSIQYDKOHVCGSIIIDPHWTLA	241		
DB	184	LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSMPWQVSIQYDKOHVCGSIIIDPHWTLA	243		
QY	242	ANCFRRHTDVEMVKPRAAGSDKIGSPSLVAKIIIEEPMPTPKONDIALMLQOPLPFS	301		
DB	244	ANCFRRHTDVEMVKPRAAGSDKIGSPSLVAKIIIEEPMPTPKONDIALMLQOPLPFS	303		
QY	302	GTVRPICLPFDEBELTPATPLWIIIGMFTKONGKMSDILLQASVVIDSTFCNADAVQ	361		
DB	304	GTVRPICLPFDEBELTPATPLWIIIGMFTKONGKMSDILLQASVVIDSTFCNADAVQ	363		
QY	362	GEYTEEMMCAGIPREGVDTCOGDSGEPPLWYQSQMHTVGIUSMGXCGGSPRPGVYTKS	421		
DB	364	GEYTEEMMCAGIPREGVDTCOGDSGEPPLWYQSQMHTVGIUSMGXCGGSPRPGVYTKS	423		

```

Cy          422  AYLNNIYNWKAEL 435
          |||||
Db          424  AYLNNIYNWKAEL 437

RESULT 19
PCT-US02-09671-1601
; Sequence 1601, Application PC/TUS0209671
; GENERAL INFORMATION:
; APPLICANT: Zycos Inc.
; TITLE OF INVENTION: TRANSLATIONAL PROFILING
; FILE REFERENCE: 08191-026W01
; CURRENT APPLICATION NUMBER: PCT/US02/09671
; CURRENT FILING DATE: 2002-03-28
; PRIOR APPLICATION NUMBER: 60/275,495
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 60/292,544
; PRIOR FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 60/310,801
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/326,370
; PRIOR FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 60/336,780
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 60/358,985
; PRIOR FILING DATE: 2002-02-20
; NUMBER OF SEQ ID NOS: 2041
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1601
; LENGTH: 437
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US02-09671-1601

Query Match          99.8%; Score 2337; DB 1; Length 437;
Best Local Similarity 100.0%; Prod. No. 9,9e-220;
Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0

```

RESULT 20

```
PCT-US02-09671-1602
; Sequence 1602, Application PC/TUS0209671
; GENERAL INFORMATION:
; APPLICANT: Zycos Inc.
; TITLE OF INVENTION: TRANSLATIONAL PROFILING
; FILE REFERENCE: 08191-026W01
; CURRENT APPLICATION NUMBER: PCT/US02/09671
; PRIOR FILING DATE: 2002-03-28
; PRIOR APPLICATION NUMBER: 60/279,495
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 60/292,544
; PRIOR FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 60/310,801
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/326,370
; PRIOR FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 60/336,780
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 60/358,985
; NUMBER OF SEQ ID NOS: 2041
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1602
; LENGTH: 437
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US02-09671-1602

Query Match
Best Local Similarity 99.8%; Score 2337; DB 1; Length 437;
Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 DPDSQPLNSLDVKKPRKPRIMETFRKVGIPITIALSLASIIIVVLLKVIIDKXYFL 61
DB 4 DPDSQPLNSLDVKKPRKPRIMETFRKVGIPITIALSLASIIIVVLLKVIIDKXYFL 63
QY 62 CGQPLHFIPRKQLCGEIDCPGEBDEHCYKSPFPGPAVAARLSKDRSTLQVLSATGNW 121
DB 64 CGQPLHFIPRKQLCGEIDCPGEBDEHCYKSPFPGPAVAARLSKDRSTLQVLSATGNW 123
QY 122 FSACPDNFTFALAEACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMNNSGPGC 181
DB 124 FSACPDNFTFALAEACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMNNSGPGC 183
QY 182 LSGSLVSIHCLACGSKSLTPRVVGGEEASVDSWPMQVSIQDKQHVCGSILDPHWLTA 241
DB 184 LSGSLVSIHCLACGSKSLTPRVVGGEEASVDSWPMQVSIQDKQHVCGSILDPHWLTA 243
QY 242 AHCFRKHIDVFNWKVRASDGLGSPSLAVAKIIIIIEFNMPYPRKNDIALMKLQFPLTFS 301
DB 244 AHCFRKHIDVFNWKVRASDGLGSPSLAVAKIIIIIEFNMPYPRKNDIALMKLQFPLTFS 303
QY 302 GTVRPCLPFDEBELTPATPLMIIGMGFTTKONGGKMSDIILOASVOYIDSTRCNADAYQ 361
DB 304 GTVRPCLPFDEBELTPATPLMIIGMGFTTKONGGKMSDIILOASVOYIDSTRCNADAYQ 363
QY 362 GEVTERKMCAGIPRGGVDTCCGDSGGPLMTQSDQMHVVGIVSWGCGGPGSTGVTYTKVS 421
DB 364 GEVTERKMCAGIPRGGVDTCCGDSGGPLMTQSDQMHVVGIVSWGCGGPGSTGVTYTKVS 423
QY 422 AYLMNIVNWKAEI 435
DB 424 AYLMNIVNWKAEI 437

RESULT 21
PCT-US02-19297-89
; Sequence 89, Application PC/TUS0219297
; GENERAL INFORMATION:
; APPLICANT: Mack, David H.
; APPLICANT: Gish, Kurt C.
; APPLICANT: Eos Biotechnology Inc.
; TITLE OF INVENTION: Methods of Diagnosis of Ovarian Cancer, Compositions
```

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; TITLE OF INVENTION: Cancer
; FILE REFERENCE: 018501-002420PC
; CURRENT APPLICATION NUMBER: PCT/US02/19297
; PRIOR FILING DATE: 2002-06-18
; PRIOR APPLICATION NUMBER: US 60/299,234
; PRIOR FILING DATE: 2001-06-18
; PRIOR APPLICATION NUMBER: US 60/315,287
; PRIOR FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: US 60/317,544
; PRIOR FILING DATE: 2001-09-05
; PRIOR APPLICATION NUMBER: US 60/350,666
; PRIOR FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: US 60/372,246
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 89
; LENGTH: 437
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US02-19297-89

Query Match
Best Local Similarity 99.8%; Score 2337; DB 1; Length 437;
Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 DPDSQPLNSLDVKKPRKPRIMETFRKVGIPITIALSLASIIIVVLLKVIIDKXYFL 61
DB 4 DPDSQPLNSLDVKKPRKPRIMETFRKVGIPITIALSLASIIIVVLLKVIIDKXYFL 63
QY 62 CGQPLHFIPRKQLCGEIDCPGEBDEHCYKSPFPGPAVAARLSKDRSTLQVLSATGNW 121
DB 64 CGQPLHFIPRKQLCGEIDCPGEBDEHCYKSPFPGPAVAARLSKDRSTLQVLSATGNW 123
QY 122 FSACPDNFTFALAEACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMNNSGPGC 181
DB 124 FSACPDNFTFALAEACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMNNSGPGC 183
QY 182 LSGSLVSIHCLACGSKSLTPRVVGGEEASVDSWPMQVSIQDKQHVCGSILDPHWLTA 241
DB 184 LSGSLVSIHCLACGSKSLTPRVVGGEEASVDSWPMQVSIQDKQHVCGSILDPHWLTA 243
QY 242 AHCFRKHIDVFNWKVRASDGLGSPSLAVAKIIIIIEFNMPYPRKNDIALMKLQFPLTFS 301
DB 244 AHCFRKHIDVFNWKVRASDGLGSPSLAVAKIIIIIEFNMPYPRKNDIALMKLQFPLTFS 303
QY 302 GTVRPCLPFDEBELTPATPLMIIGMGFTTKONGGKMSDIILOASVOYIDSTRCNADAYQ 361
DB 304 GTVRPCLPFDEBELTPATPLMIIGMGFTTKONGGKMSDIILOASVOYIDSTRCNADAYQ 363
QY 362 GEVTERKMCAGIPRGGVDTCCGDSGGPLMTQSDQMHVVGIVSWGCGGPGSTGVTYTKVS 421
DB 364 GEVTERKMCAGIPRGGVDTCCGDSGGPLMTQSDQMHVVGIVSWGCGGPGSTGVTYTKVS 423
QY 422 AYLMNIVNWKAEI 435
DB 424 AYLMNIVNWKAEI 437

RESULT 22
PCT-US04-21227-7
; Sequence 7, Application PC/TUS0421227
; GENERAL INFORMATION:
; APPLICANT: diadexus, Inc.
; APPLICANT: Vartanian, Steffan
; APPLICANT: Macina, Roberto
; TITLE OF INVENTION: Compositions, Splice Variants and Methods Relating to Ovarian Spec
; FILE REFERENCE: DEX-0500
; CURRENT APPLICATION NUMBER: PCT/US04/21227
```


PRIOR APPLICATION NUMBER: US 60/484,440
 PRIOR FILING DATE: 2003-06-30
 PRIOR APPLICATION NUMBER: US 60/484,500
 PRIOR FILING DATE: 2003-06-30
 NUMBER OF SEQ ID NOS: 23
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 7
 LENGTH: 437
 TYPE: PRT
 ORGANISM: Homo sapiens
 PCT-US04-21227-7

Query Match 99.8%; Score 2337; DB 1; Length 437;
 Best Local Similarity 100.0%; Pred. No. 9.9e-220; Indels 0; Gaps 0;
 Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2 DPDSQPLNSLDVPLKRPRIIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 61
 4 DPDSQPLNSLDVPLKRPRIIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 63
 62 CGQPLHPIPRKQCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDSTLOVLSATGNW 121
 64 CGQPLHPIPRKQCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDSTLOVLSATGNW 123
 122 PSACFDNTEALATACRQKYSKPTFRAVEIGPDOLDVVEITENSQELRMNRSQPC 181
 124 PSACFDNTEALATACRQKYSKPTFRAVEIGPDOLDVVEITENSQELRMNRSQPC 183
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 184 LSGSLVSLHCLACGSKLTPRVVGEERASVDSWPMQVSIQYDKQHVCGSILDPHMVTLA 243
 242 AHCRKHTDVNMKVRASGDKLGFPSLAVALKIIIEFNPMYPRKNDIALMKLOPPLTF 301
 244 AHCRKHTDVNMKVRASGDKLGFPSLAVALKIIIEFNPMYPRKNDIALMKLOPPLTF 303
 302 GTVRPICLPFDEBELTPATPLMTIIGWFTKONGKMSDILLQASVOVLDSTRCNADDAVQ 361
 304 GTVRPICLPFDEBELTPATPLMTIIGWFTKONGKMSDILLQASVOVLDSTRCNADDAVQ 363
 362 GEVTEKMMKAGIPREGGVDTCQDSSGGLPMYOSDOMHVGVISWKGCGGSPSTPGYTTYS 421
 364 GEVTEKMMKAGIPREGGVDTCQDSSGGLPMYOSDOMHVGVISWKGCGGSPSTPGYTTYS 423
 422 AYLANWYVWKAEL 435
 424 AYLANWYVWKAEL 437

RESULT 23
 PCT-US04-38689-7
 Sequence 7, Application PC/TUS0438689
 GENERAL INFORMATION:
 APPLICANT: Genentech, Inc.
 APPLICANT: Ashkenazi, Avi J.
 APPLICANT: Goddard, Audrey
 APPLICANT: Gurney, Austin L.
 APPLICANT: Polakis, Paul
 APPLICANT: Smith, Victoria
 APPLICANT: Wood, William I.
 APPLICANT: Wu, Thomas D.
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
 TITLE OF INVENTION: TREATMENT OF TUMOR
 FILE REFERENCE: P5037RL-PCF
 CURRENT FILING DATE: 2004-11-17
 PRIOR FILING DATE: 2003-11-20
 PRIOR APPLICATION NUMBER: US 60/523,856
 NUMBER OF SEQ ID NOS: 10
 SEQ ID NO 7
 LENGTH: 437
 TYPE: PRT

ORGANISM: Homo sapiens
 PCT-US04-38689-7

Query Match 99.8%; Score 2337; DB 1; Length 437;
 Best Local Similarity 100.0%; Pred. No. 9.9e-220; Indels 0; Gaps 0;
 Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2 DPDSQPLNSLDVPLKRPRIIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 61
 4 DPDSQPLNSLDVPLKRPRIIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 63
 62 CGQPLHPIPRKQCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDSTLOVLSATGNW 121
 64 CGQPLHPIPRKQCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDSTLOVLSATGNW 123
 122 PSACFDNTEALATACRQKYSKPTFRAVEIGPDOLDVVEITENSQELRMNRSQPC 181
 124 PSACFDNTEALATACRQKYSKPTFRAVEIGPDOLDVVEITENSQELRMNRSQPC 183
 182 LSGSLVSLHCLACGSKLTPRVVGEERASVDSWPMQVSIQYDKQHVCGSILDPHMVTLA 241
 184 LSGSLVSLHCLACGSKLTPRVVGEERASVDSWPMQVSIQYDKQHVCGSILDPHMVTLA 243
 242 AHCRKHTDVNMKVRASGDKLGFPSLAVALKIIIEFNPMYPRKNDIALMKLOPPLTF 301
 244 AHCRKHTDVNMKVRASGDKLGFPSLAVALKIIIEFNPMYPRKNDIALMKLOPPLTF 303
 302 GTVRPICLPFDEBELTPATPLMTIIGWFTKONGKMSDILLQASVOVLDSTRCNADDAVQ 361
 304 GTVRPICLPFDEBELTPATPLMTIIGWFTKONGKMSDILLQASVOVLDSTRCNADDAVQ 363
 362 GEVTEKMMKAGIPREGGVDTCQDSSGGLPMYOSDOMHVGVISWKGCGGSPSTPGYTTYS 421
 364 GEVTEKMMKAGIPREGGVDTCQDSSGGLPMYOSDOMHVGVISWKGCGGSPSTPGYTTYS 423
 422 AYLANWYVWKAEL 435
 424 AYLANWYVWKAEL 437

RESULT 24
 US-10-173-999-89
 Sequence 89, Application US/10173999
 GENERAL INFORMATION:
 APPLICANT: Mack, David H.
 APPLICANT: Gish, Kurt C.
 APPLICANT: Eos Biotechnology, Inc.
 TITLE OF INVENTION: Methods of Diagnosis of Ovarian Cancer, Compositions
 TITLE OF INVENTION: and Methods of Screening for Modulators of Ovarian
 TITLE OF INVENTION: Cancer
 FILE REFERENCE: 018501-002420US
 CURRENT APPLICATION NUMBER: US/10/173,999
 CURRENT FILING DATE: 2002-06-17
 PRIOR APPLICATION NUMBER: US 60/299,234
 PRIOR FILING DATE: 2001-06-18
 PRIOR APPLICATION NUMBER: US 60/315,287
 PRIOR FILING DATE: 2001-06-27
 PRIOR APPLICATION NUMBER: US 60/350,666
 PRIOR FILING DATE: 2001-11-13
 PRIOR APPLICATION NUMBER: US 60/372,246
 PRIOR FILING DATE: 2001-04-12
 NUMBER OF SEQ ID NOS: 163
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 89
 LENGTH: 437
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-173-999-89

Query Match 99.8%; Score 2337; DB 31; Length 437;
 Best Local Similarity 100.0%; Pred. No. 9.9e-220; Indels 0; Gaps 0;
 Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 2 DPDSDFPLNSLDVYKRLKRPRIEMETFRKVGIPITIALSLASTIIVVLIKILDKXYFL 61
D 4 DPDSDFPLNSLDVYKRLKRPRIEMETFRKVGIPITIALSLASTIIVVLIKILDKXYFL 63
QY 62 CGQPLHFIIPRKQICDGLDPLGEDEHCVKSPFEGPAVAVRLSKORSTLOVLDATGWN 121
D 64 CGQPLHFIIPRKQICDGLDPLGEDEHCVKSPFEGPAVAVRLSKORSTLOVLDATGWN 123
QY 122 FSACFDNFTALAEATACROWGYSKPTFRAVEIGPDODLVVEITENSQELMRNMSGPC 181
D 124 FSACFDNFTALAEATACROWGYSKPTFRAVEIGPDODLVVEITENSQELMRNMSGPC 183
QY 182 LSGSLVSLHCLACGSKLKTFRVVGGEASVDSMPQVSIQYDKQVCGGSIIDPHVLT 241
D 184 LSGSLVSLHCLACGSKLKTFRVVGGEASVDSMPQVSIQYDKQVCGGSIIDPHVLT 243
QY 242 AHCFRKHDTVFNMKVAGSDKLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
D 244 AHCFRKHDTVFNMKVAGSDKLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 303
QY 302 GTVRPICLPFDBELTPATPLMIIGMFTKONGKMSDILLOASVQVLDSTRCANADAYQ 361
D 304 GTVRPICLPFDBELTPATPLMIIGMFTKONGKMSDILLOASVQVLDSTRCANADAYQ 363
QY 362 GEYTERMCAGIPEGGVDTCCGDSGGLMYQSDQMHVGIIVSWGCGGSPSTPGYTKVS 421
D 364 GEYTERMCAGIPEGGVDTCCGDSGGLMYQSDQMHVGIIVSWGCGGSPSTPGYTKVS 423
QY 422 AYLNMIYVWKAEI 435
D 424 AYLNMIYVWKAEI 437

RESULT 25
US-10-295-027-779
; Sequence 779, Application US/10295027
; GENERAL INFORMATION:
; APPLICANT: Afar, Daniel
; APPLICANT: Aziz, Natacha
; APPLICANT: Gineberg, Wendy M.
; APPLICANT: Gish, Kurt C.
; APPLICANT: Glynn, Richard
; APPLICANT: Hevezi, Peter A.
; APPLICANT: Mack, David H.
; APPLICANT: Murray, Richard
; APPLICANT: Watson, Susan R.
; APPLICANT: Eos Biotechnology, Inc.
; TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and
; FILE REFERENCE: 018501-012500US
; CURRENT APPLICATION NUMBER: US/10/295, 027
; PRIOR FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: US 09/663, 733
; PRIOR FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: US 60/350, 666
; PRIOR FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: US 60/335, 394
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: US 60/332, 464
; PRIOR FILING DATE: 2001-11-21
; PRIOR APPLICATION NUMBER: US 60/343, 393
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: US 60/340, 376
; PRIOR FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: US 60/347, 211
; PRIOR FILING DATE: 2002-01-08
; PRIOR APPLICATION NUMBER: US 60/347, 349
; PRIOR FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: US 60/355, 250
; PRIOR FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: US 60/356, 714
; PRIOR FILING DATE: 2002-02-13
; Remaining Prior Application data removed - See File Wrapper or PALM.

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; NUMBER OF SEQ ID NOS: 1386
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 779
; LENGTH: 437
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-295-027-779

Query Match      99.8%; Score 2337; DB 32; Length 437;
Best Local Similarity 100.0%; Pred. No. 9,9e-220;
Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 DPDSDFPLNSLDVYKRLKRPRIEMETFRKVGIPITIALSLASTIIVVLIKILDKXYFL 61
D 4 DPDSDFPLNSLDVYKRLKRPRIEMETFRKVGIPITIALSLASTIIVVLIKILDKXYFL 63
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D 184 LSGSLVSLHCLACGSKLKTFRVVGGEASVDSMPQVSIQYDKQVCGGSIIDPHVLT 243
QY 242 AHCFRKHDTVFNMKVAGSDKLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
D 244 AHCFRKHDTVFNMKVAGSDKLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 303
QY 302 GTVRPICLPFDBELTPATPLMIIGMFTKONGKMSDILLOASVQVLDSTRCANADAYQ 361
D 304 GTVRPICLPFDBELTPATPLMIIGMFTKONGKMSDILLOASVQVLDSTRCANADAYQ 363
QY 362 GEYTERMCAGIPEGGVDTCCGDSGGLMYQSDQMHVGIIVSWGCGGSPSTPGYTKVS 421
D 364 GEYTERMCAGIPEGGVDTCCGDSGGLMYQSDQMHVGIIVSWGCGGSPSTPGYTKVS 423
QY 422 AYLNMIYVWKAEI 435
D 424 AYLNMIYVWKAEI 437

RESULT 26
US-10-295-027-791
; Sequence 791, Application US/10295027
; GENERAL INFORMATION:
; APPLICANT: Afar, Daniel
; APPLICANT: Aziz, Natacha
; APPLICANT: Gineberg, Wendy M.
; APPLICANT: Gish, Kurt C.
; APPLICANT: Glynn, Richard
; APPLICANT: Hevezi, Peter A.
; APPLICANT: Mack, David H.
; APPLICANT: Murray, Richard
; APPLICANT: Watson, Susan R.
; APPLICANT: Eos Biotechnology, Inc.
; TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and
; FILE REFERENCE: 018501-012500US
; CURRENT APPLICATION NUMBER: US/10/295, 027
; PRIOR FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: US 09/663, 733
; PRIOR FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: US 60/350, 666
; PRIOR FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: US 60/335, 394
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: US 60/332, 464
; PRIOR FILING DATE: 2001-11-21
; PRIOR APPLICATION NUMBER: US 60/334, 393

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; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: US 60/340,376
; PRIOR FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: US 60/347,211
; PRIOR FILING DATE: 2002-01-08
; PRIOR APPLICATION NUMBER: US 60/347,349
; PRIOR FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: US 60/355,250
; PRIOR FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: US 60/356,714
; PRIOR FILING DATE: 2002-02-13
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1386
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 791
; LENGTH: 437
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-295-027-791

Query Match          99.8%; Score 2337; DB 32; Length 437;
Best Local Similarity 100.0%; Pred. No. 9.9e-220;
Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 DPDSQPLNSLDVPRKRPRIPIIITALLSLASIIIVVILKIVLIDKXYFL 61
DB 4 DPDSQPLNSLDVPRKRPRIPIIITALLSLASIIIVVILKIVLIDKXYFL 63
QY 62 CGOPLHFIPIKQOLCGELDCPLGEBDEHCYKSPFEGPAVAARLSKDRSTLOYLSATGNW 121
DB 64 CGOPLHFIPIKQOLCGELDCPLGEBDEHCYKSPFEGPAVAARLSKDRSTLOYLSATGNW 123
QY 122 FSACPDNTEALAEACRQMGYSKPTFRAVEIGPDOLDVVEITENSQELMRNSSGPC 181
DB 124 FSACPDNTEALAEACRQMGYSKPTFRAVEIGPDOLDVVEITENSQELMRNSSGPC 183
QY 182 LSGSLVSLHCLACGKSLKTPRVGGEASVDSWPQVSIQYDKQHVCGSILDPHMLTA 241
DB 184 LSGSLVSLHCLACGKSLKTPRVGGEASVDSWPQVSIQYDKQHVCGSILDPHMLTA 243
QY 242 AHCFKHTDVFNMKVRASDKLGSFPLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
DB 244 AHCFKHTDVFNMKVRASDKLGSFPLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 303
QY 302 GTVRPICIPIFDBEELTPATPLMIIGMFTKQNGKMSDILLQASVOVIDSTRCNADDAVO 361
DB 304 GTVRPICIPIFDBEELTPATPLMIIGMFTKQNGKMSDILLQASVOVIDSTRCNADDAVO 363
QY 362 GEVTEKMMACGIPBEGGVDTCCGDSGGLMYQSDQMHVVGIVSMGCGGSPSTPGYTTKVS 421
DB 364 GEVTEKMMACGIPBEGGVDTCCGDSGGLMYQSDQMHVVGIVSMGCGGSPSTPGYTTKVS 423
QY 422 AYLNMIYVWKAEL 435
DB 424 AYLNMIYVWKAEL 437

RESULT 27
US-10-295-027-831
; GENERAL INFORMATION:
; APPLICANT: Afar, Daniel
; APPLICANT: Aziz, Natsaeha
; APPLICANT: Ginsberg, Wendy M.
; APPLICANT: Gish, Kurt C.
; APPLICANT: Glynn, Richard
; APPLICANT: Hevizi, Peter A.
; APPLICANT: Mack, David H.
; APPLICANT: Murray, Richard
; APPLICANT: Watson, Susan R.
; APPLICANT: Eos Biotechnology, Inc.
; TITLE OF INVENTION: Methods of diagnosis of Cancer, Compositions and
; TITLE OF INVENTION: Methods of Screening for Modulators of Cancer

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; FILE REFERENCE: 018501-012500US
; CURRENT APPLICATION NUMBER: US/10/295,027
; CURRENT FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: US 09/663,733
; PRIOR FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: US 60/350,666
; PRIOR FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: US 60/335,394
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: US 60/332,464
; PRIOR FILING DATE: 2001-11-21
; PRIOR APPLICATION NUMBER: US 60/334,393
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: US 60/340,376
; PRIOR FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: US 60/347,211
; PRIOR FILING DATE: 2002-01-08
; PRIOR APPLICATION NUMBER: US 60/347,349
; PRIOR FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: US 60/355,250
; PRIOR FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: US 60/356,714
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1386
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 831
; LENGTH: 437
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-295-027-831

Query Match          99.8%; Score 2337; DB 32; Length 437;
Best Local Similarity 100.0%; Pred. No. 9.9e-220;
Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 DPDSQPLNSLDVPRKRPRIPIIITALLSLASIIIVVILKIVLIDKXYFL 61
DB 4 DPDSQPLNSLDVPRKRPRIPIIITALLSLASIIIVVILKIVLIDKXYFL 63
QY 62 CGOPLHFIPIKQOLCGELDCPLGEBDEHCYKSPFEGPAVAARLSKDRSTLOYLSATGNW 121
DB 64 CGOPLHFIPIKQOLCGELDCPLGEBDEHCYKSPFEGPAVAARLSKDRSTLOYLSATGNW 123
QY 122 FSACPDNTEALAEACRQMGYSKPTFRAVEIGPDOLDVVEITENSQELMRNSSGPC 181
DB 124 FSACPDNTEALAEACRQMGYSKPTFRAVEIGPDOLDVVEITENSQELMRNSSGPC 183
QY 182 LSGSLVSLHCLACGKSLKTPRVGGEASVDSWPQVSIQYDKQHVCGSILDPHMLTA 241
DB 184 LSGSLVSLHCLACGKSLKTPRVGGEASVDSWPQVSIQYDKQHVCGSILDPHMLTA 243
QY 242 AHCFKHTDVFNMKVRASDKLGSFPLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
DB 244 AHCFKHTDVFNMKVRASDKLGSFPLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 303
QY 302 GTVRPICIPIFDBEELTPATPLMIIGMFTKQNGKMSDILLQASVOVIDSTRCNADDAVO 361
DB 304 GTVRPICIPIFDBEELTPATPLMIIGMFTKQNGKMSDILLQASVOVIDSTRCNADDAVO 363
QY 362 GEVTEKMMACGIPBEGGVDTCCGDSGGLMYQSDQMHVVGIVSMGCGGSPSTPGYTTKVS 421
DB 364 GEVTEKMMACGIPBEGGVDTCCGDSGGLMYQSDQMHVVGIVSMGCGGSPSTPGYTTKVS 423
QY 422 AYLNMIYVWKAEL 435
DB 424 AYLNMIYVWKAEL 437

RESULT 28
US-10-295-027-1196
; GENERAL INFORMATION:
; Sequence 1196, Application US/10295027

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/ APPLICANT: Afar, Daniel
/ APPLICANT: Aziz, Natasha
/ APPLICANT: Ginsberg, Wendy M.
/ APPLICANT: Gish, Kurt C.
/ APPLICANT: Glyme, Richard
/ APPLICANT: Hevezl, Peter A.
/ APPLICANT: Mack, David H.
/ APPLICANT: Murray, Richard
/ APPLICANT: Watson, Susan R.
/ APPLICANT: Eos Biotechnology, Inc.
/ TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and
/ TITLE OF INVENTION: Methods of Screening for Modulators of Cancer
/ FILE REFERENCE: 018501-012500US
/ CURRENT APPLICATION NUMBER: US/10/295,027
/ PRIOR FILING DATE: 2002-11-13
/ PRIOR APPLICATION NUMBER: US 09/663,733
/ PRIOR FILING DATE: 2000-09-15
/ PRIOR APPLICATION NUMBER: US 60/350,666
/ PRIOR FILING DATE: 2001-11-13
/ PRIOR APPLICATION NUMBER: US 60/335,394
/ PRIOR FILING DATE: 2001-11-15
/ PRIOR APPLICATION NUMBER: US 60/332,464
/ PRIOR FILING DATE: 2001-11-21
/ PRIOR APPLICATION NUMBER: US 60/334,393
/ PRIOR FILING DATE: 2001-11-29
/ PRIOR APPLICATION NUMBER: US 60/340,376
/ PRIOR FILING DATE: 2001-12-14
/ PRIOR APPLICATION NUMBER: US 60/347,211
/ PRIOR FILING DATE: 2002-01-08
/ PRIOR APPLICATION NUMBER: US 60/347,349
/ PRIOR FILING DATE: 2002-01-10
/ PRIOR APPLICATION NUMBER: US 60/355,250
/ PRIOR FILING DATE: 2002-02-08
/ PRIOR APPLICATION NUMBER: US 60/356,714
/ Remaining Prior Application data removed - See file wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 1386
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO: 1196
/ LENGTH: 437
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-295-027-1196

Query Match          99.8%; Score 2337; DB 32; Length 437;
Best Local Similarity 100.0%; Pred. No. 9.9e-220;
Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 DPDSQPLNSLDVPRKRPRIIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKYYFL 61
DB 4 DPDSQPLNSLDVPRKRPRIIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKYYFL 63
QY 62 CGQPHFIPRKQLCDGEIDCPLGDEDEHCYKSPFEGPAVAVRLSKORSTIQVILDSATGNW 121
DB 64 CGQPHFIPRKQLCDGEIDCPLGDEDEHCYKSPFEGPAVAVRLSKORSTIQVILDSATGNW 123
QY 122 FSACFDNFTTEALAEACRQMGYSKPTFRVAIEGPDQDLVVEITENSQELRMRNSGPGC 181
DB 124 FSACFDNFTTEALAEACRQMGYSKPTFRVAIEGPDQDLVVEITENSQELRMRNSGPGC 183
QY 182 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHCYKSGSILDPHVVLA 241
DB 184 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHCYKSGSILDPHVVLA 243
QY 242 AHCERKHTDVFNKVRAGSDKLSFSLAVAKIIIEFNPMYRKNDIALMKLQFPLTFS 301
DB 244 AHCERKHTDVFNKVRAGSDKLSFSLAVAKIIIEFNPMYRKNDIALMKLQFPLTFS 303
QY 302 GTVRPILCPFFDEBLTPATPLMTIIGGFTKONGGKSDILLQASVQVIVDSTRCNADDAVQ 361
DB 304 GTVRPILCPFFDEBLTPATPLMTIIGGFTKONGGKSDILLQASVQVIVDSTRCNADDAVQ 363
QY 362 GEVTERKMCAGIEBGGVDTCCGDSGGPLMYQSDQMHVVGIVSMGCGGSPSTPGYTTKVS 421
```

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DB 364 GEVTERKMCAGIEBGGVDTCCGDSGGPLMYQSDQMHVVGIVSMGCGGSPSTPGYTTKVS 423
QY 422 AYLNWYINWKAEL 435
DB 424 AYLNWYINWKAEL 437

RESULT 29
US-10-473-127-1581
/ Sequence 1581, Application US/10473127
/ GENERAL INFORMATION:
/ APPLICANT: Zycos Inc.
/ TITLE OF INVENTION: TRANSLATIONAL PROFILING
/ FILE REFERENCE: 08191-026W01
/ CURRENT APPLICATION NUMBER: US/10/473,127
/ PRIOR FILING DATE: 2003-09-26
/ PRIOR APPLICATION NUMBER: 60/279,495
/ PRIOR FILING DATE: 2001-03-28
/ PRIOR APPLICATION NUMBER: 60/292,544
/ PRIOR FILING DATE: 2001-05-21
/ PRIOR APPLICATION NUMBER: 60/310,801
/ PRIOR FILING DATE: 2001-08-08
/ PRIOR APPLICATION NUMBER: 60/326,370
/ PRIOR FILING DATE: 2001-10-01
/ PRIOR APPLICATION NUMBER: 60/336,780
/ PRIOR FILING DATE: 2001-12-04
/ PRIOR APPLICATION NUMBER: 60/358,985
/ PRIOR FILING DATE: 2002-02-20
/ NUMBER OF SEQ ID NOS: 2041
/ SOFTWARE: PastSeq for Windows Version 4.0
/ SEQ ID NO: 1581
/ LENGTH: 437
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-473-127-1581

Query Match          99.8%; Score 2337; DB 34; Length 437;
Best Local Similarity 100.0%; Pred. No. 9.9e-220;
Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 DPDSQPLNSLDVPRKRPRIIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKYYFL 61
DB 4 DPDSQPLNSLDVPRKRPRIIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKYYFL 63
QY 62 CGQPHFIPRKQLCDGEIDCPLGDEDEHCYKSPFEGPAVAVRLSKORSTIQVILDSATGNW 121
DB 64 CGQPHFIPRKQLCDGEIDCPLGDEDEHCYKSPFEGPAVAVRLSKORSTIQVILDSATGNW 123
QY 122 FSACFDNFTTEALAEACRQMGYSKPTFRVAIEGPDQDLVVEITENSQELRMRNSGPGC 181
DB 124 FSACFDNFTTEALAEACRQMGYSKPTFRVAIEGPDQDLVVEITENSQELRMRNSGPGC 183
QY 182 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHCYKSGSILDPHVVLA 241
DB 184 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHCYKSGSILDPHVVLA 243
QY 242 AHCERKHTDVFNKVRAGSDKLSFSLAVAKIIIEFNPMYRKNDIALMKLQFPLTFS 301
DB 244 AHCERKHTDVFNKVRAGSDKLSFSLAVAKIIIEFNPMYRKNDIALMKLQFPLTFS 303
QY 302 GTVRPILCPFFDEBLTPATPLMTIIGGFTKONGGKSDILLQASVQVIVDSTRCNADDAVQ 361
DB 304 GTVRPILCPFFDEBLTPATPLMTIIGGFTKONGGKSDILLQASVQVIVDSTRCNADDAVQ 363
QY 362 GEVTERKMCAGIEBGGVDTCCGDSGGPLMYQSDQMHVVGIVSMGCGGSPSTPGYTTKVS 421
DB 364 GEVTERKMCAGIEBGGVDTCCGDSGGPLMYQSDQMHVVGIVSMGCGGSPSTPGYTTKVS 423
QY 422 AYLNWYINWKAEL 435
DB 424 AYLNWYINWKAEL 437
```

```
RESULT 30
US-10-473-127-1586
; Sequence 1586, Application US/10473127
; GENERAL INFORMATION:
; APPLICANT: Zycos Inc.
; TITLE OF INVENTION: TRANSLATIONAL PROFILING
; FILE REFERENCE: 08191-026W01
; CURRENT APPLICATION NUMBER: US/10/473,127
; PRIOR FILING DATE: 2003-09-26
; PRIOR APPLICATION NUMBER: 60/279,495
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 60/310,801
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/326,370
; PRIOR FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 60/336,780
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 60/358,985
; PRIOR FILING DATE: 2002-02-20
; NUMBER OF SEQ ID NOS: 2041
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1586
; LENGTH: 437
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-473-127-1586

Query Match      99.8%; Score 2337; DB 34; Length 437;
Best Local Similarity 100.0%; Pred. No. 9,9e-220;
Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 DPDSQPLNSLDVPELRKPRIPMETFRKVGIPITIALSLASIIIVVLLKVIIDKXYFL 61
DB 4 DPDSQPLNSLDVPELRKPRIPMETFRKVGIPITIALSLASIIIVVLLKVIIDKXYFL 63
QY 62 CGQPLHFIPIRQKQDGLDCLGDEBHCYKSPFEGPAVAVRLSKDSTLQVLSATGNW 121
DB 64 CGQPLHFIPIRQKQDGLDCLGDEBHCYKSPFEGPAVAVRLSKDSTLQVLSATGNW 123
QY 122 FSACPDNTEALTAETACROMGYSSKPTFRAYEIGPDQDLVVEITENSQELRMNRS SPC 181
DB 124 FSACPDNTEALTAETACROMGYSSKPTFRAYEIGPDQDLVVEITENSQELRMNRS SPC 183
QY 182 LSGSLVSLHCLACGSLKTPRVVGEBSVDSWPMQVSIQYDKQHCYSGSILDPHMLTA 241
DB 184 LSGSLVSLHCLACGSLKTPRVVGEBSVDSWPMQVSIQYDKQHCYSGSILDPHMLTA 243
QY 242 AHCFRKHDTVNMKVRASGSDKLSGFPPLAVAKIIIIENPMYPKNDIALMKLQPLTFS 301
DB 244 AHCFRKHDTVNMKVRASGSDKLSGFPPLAVAKIIIIENPMYPKNDIALMKLQPLTFS 303
QY 302 GTVAPICLPFDEELTPATPLMIIGMGFTKONGKMSDILLQASVOVIDSTRCNADDA YQ 361
DB 304 GTVAPICLPFDEELTPATPLMIIGMGFTKONGKMSDILLQASVOVIDSTRCNADDA YQ 363
QY 362 GEVTEKMMACAGIPREGGVDTCCGDSGGLMYOSDQMHVGVIVSWGCGGSPSTPGVYTKYS 421
DB 364 GEVTEKMMACAGIPREGGVDTCCGDSGGLMYOSDQMHVGVIVSWGCGGSPSTPGVYTKYS 423
QY 422 AYLMNIYVMKAEI 435
DB 424 AYLMNIYVMKAEI 437

RESULT 31
US-10-473-127-1601
; Sequence 1601, Application US/10473127
; GENERAL INFORMATION:
; APPLICANT: Zycos Inc.
; TITLE OF INVENTION: TRANSLATIONAL PROFILING
```

```
FILE REFERENCE: 08191-026W01
; CURRENT APPLICATION NUMBER: US/10/473,127
; CURRENT FILING DATE: 2003-09-26
; PRIOR APPLICATION NUMBER: 60/279,495
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 60/292,544
; PRIOR FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 60/310,801
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/326,370
; PRIOR FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 60/336,780
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 60/358,985
; PRIOR FILING DATE: 2002-02-20
; NUMBER OF SEQ ID NOS: 2041
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1601
; LENGTH: 437
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-473-127-1601

Query Match      99.8%; Score 2337; DB 34; Length 437;
Best Local Similarity 100.0%; Pred. No. 9,9e-220;
Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 DPDSQPLNSLDVPELRKPRIPMETFRKVGIPITIALSLASIIIVVLLKVIIDKXYFL 61
DB 4 DPDSQPLNSLDVPELRKPRIPMETFRKVGIPITIALSLASIIIVVLLKVIIDKXYFL 63
QY 62 CGQPLHFIPIRQKQDGLDCLGDEBHCYKSPFEGPAVAVRLSKDSTLQVLSATGNW 121
DB 64 CGQPLHFIPIRQKQDGLDCLGDEBHCYKSPFEGPAVAVRLSKDSTLQVLSATGNW 123
QY 122 FSACPDNTEALTAETACROMGYSSKPTFRAYEIGPDQDLVVEITENSQELRMNRS SPC 181
DB 124 FSACPDNTEALTAETACROMGYSSKPTFRAYEIGPDQDLVVEITENSQELRMNRS SPC 183
QY 182 LSGSLVSLHCLACGSLKTPRVVGEBSVDSWPMQVSIQYDKQHCYSGSILDPHMLTA 241
DB 184 LSGSLVSLHCLACGSLKTPRVVGEBSVDSWPMQVSIQYDKQHCYSGSILDPHMLTA 243
QY 242 AHCFRKHDTVNMKVRASGSDKLSGFPPLAVAKIIIIENPMYPKNDIALMKLQPLTFS 301
DB 244 AHCFRKHDTVNMKVRASGSDKLSGFPPLAVAKIIIIENPMYPKNDIALMKLQPLTFS 303
QY 302 GTVAPICLPFDEELTPATPLMIIGMGFTKONGKMSDILLQASVOVIDSTRCNADDA YQ 361
DB 304 GTVAPICLPFDEELTPATPLMIIGMGFTKONGKMSDILLQASVOVIDSTRCNADDA YQ 363
QY 362 GEVTEKMMACAGIPREGGVDTCCGDSGGLMYOSDQMHVGVIVSWGCGGSPSTPGVYTKYS 421
DB 364 GEVTEKMMACAGIPREGGVDTCCGDSGGLMYOSDQMHVGVIVSWGCGGSPSTPGVYTKYS 423
QY 422 AYLMNIYVMKAEI 435
DB 424 AYLMNIYVMKAEI 437

RESULT 32
US-10-473-127-1602
; Sequence 1602, Application US/10473127
; GENERAL INFORMATION:
; APPLICANT: Zycos Inc.
; TITLE OF INVENTION: TRANSLATIONAL PROFILING
; FILE REFERENCE: 08191-026W01
; CURRENT APPLICATION NUMBER: US/10/473,127
; PRIOR FILING DATE: 2003-09-26
; PRIOR APPLICATION NUMBER: 60/279,495
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 60/292,544
; PRIOR FILING DATE: 2001-05-21
```

```
;; PRIOR APPLICATION NUMBER: 60/310,801
;; PRIOR FILING DATE: 2001-08-08
;; PRIOR APPLICATION NUMBER: 60/326,370
;; PRIOR FILING DATE: 2001-10-01
;; PRIOR APPLICATION NUMBER: 60/336,780
;; PRIOR FILING DATE: 2001-12-04
;; PRIOR APPLICATION NUMBER: 60/358,985
;; PRIOR FILING DATE: 2002-02-20
;; NUMBER OF SEQ ID NOS: 2041
;; SOFTWARE: PaacSeq for Windows Version 4.0
;; SEQ ID NO 1602
;; LENGTH: 437
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-10-473-127-1602
```

```
Query Match          99.8%; Score 2337; DB 34; Length 437;
Best Local Similarity 100.0%; Pred. No. 9.9e-220;
Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2 DPDSDDPLNSLDVYKPKRPIPMETFRKVGIPITIIALLSLASIIIVVLTKYILDKYYFL 61
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 4 DPDSDDPLNSLDVYKPKRPIPMETFRKVGIPITIIALLSLASIIIVVLTKYILDKYYFL 63
QY 62 CGQPLHFIPRKQICDGLDPLGDEDEHCVKSPFEGPAVAVRISKDRSTLOVLDSATGNW 121
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 64 CGQPLHFIPRKQICDGLDPLGDEDEHCVKSPFEGPAVAVRISKDRSTLOVLDSATGNW 123
QY 122 FSACFNFTEALAEFTACRQMGYSKPTFRAVEIGPDODLDVVEITENSQELMRNSSGPC 181
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 124 FSACFNFTEALAEFTACRQMGYSKPTFRAVEIGPDODLDVVEITENSQELMRNSSGPC 183
QY 182 LSGSIVSLHCLACGSKLKTFRVVGGEASVDSWPMQVSIQYDKQHVCGSILDPHVVLT 241
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 184 LSGSIVSLHCLACGSKLKTFRVVGGEASVDSWPMQVSIQYDKQHVCGSILDPHVVLT 243
QY 242 AHCFRKHITDVFNWKVRAGSDKLGSPSLAVAKIIIEFPMPYKXNDIALMKLOPPLTFS 301
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 244 AHCFRKHITDVFNWKVRAGSDKLGSPSLAVAKIIIEFPMPYKXNDIALMKLOPPLTFS 303
QY 302 GTVRPICLPFDEBELTPATPLMIIGMFTKONGGKMSDIILOASVOVLDSTRCANADAYQ 361
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 304 GTVRPICLPFDEBELTPATPLMIIGMFTKONGGKMSDIILOASVOVLDSTRCANADAYQ 363
QY 362 GEVTEKMMACAGIPBEGVDTCQDSCGAPLYOSDQHVHVGIVSWGCGGSPSTPGVYTKVS 421
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 364 GEVTEKMMACAGIPBEGVDTCQDSCGAPLYOSDQHVHVGIVSWGCGGSPSTPGVYTKVS 423
QY 422 AYINMIYVWKAEL 435
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 424 AYINMIYVWKAEL 437
```

```
RESULT 33
US-10-991-287-7
; Sequence 7, Application US/10991287
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Polakis, Paul
; APPLICANT: Smith, Victoria
; APPLICANT: Wood, William I.
; APPLICANT: Wu, Thomas D.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; FILE REFERENCE: P5037R1-US
; CURRENT APPLICATION NUMBER: US/10/991,287
; PRIOR FILING DATE: 2004-11-17
; PRIOR APPLICATION NUMBER: US 60/523,856
; PRIOR FILING DATE: 2003-11-20
; NUMBER OF SEQ ID NOS: 10
```

```
;; SEQ ID NO 7
;; LENGTH: 437
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-10-991-287-7
```

```
Query Match          99.8%; Score 2337; DB 39; Length 437;
Best Local Similarity 100.0%; Pred. No. 9.9e-220;
Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2 DPDSDDPLNSLDVYKPKRPIPMETFRKVGIPITIIALLSLASIIIVVLTKYILDKYYFL 61
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 4 DPDSDDPLNSLDVYKPKRPIPMETFRKVGIPITIIALLSLASIIIVVLTKYILDKYYFL 63
QY 62 CGQPLHFIPRKQICDGLDPLGDEDEHCVKSPFEGPAVAVRISKDRSTLOVLDSATGNW 121
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 64 CGQPLHFIPRKQICDGLDPLGDEDEHCVKSPFEGPAVAVRISKDRSTLOVLDSATGNW 123
QY 122 FSACFNFTEALAEFTACRQMGYSKPTFRAVEIGPDODLDVVEITENSQELMRNSSGPC 181
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 124 FSACFNFTEALAEFTACRQMGYSKPTFRAVEIGPDODLDVVEITENSQELMRNSSGPC 183
QY 182 LSGSIVSLHCLACGSKLKTFRVVGGEASVDSWPMQVSIQYDKQHVCGSILDPHVVLT 241
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 184 LSGSIVSLHCLACGSKLKTFRVVGGEASVDSWPMQVSIQYDKQHVCGSILDPHVVLT 243
QY 242 AHCFRKHITDVFNWKVRAGSDKLGSPSLAVAKIIIEFPMPYKXNDIALMKLOPPLTFS 301
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 244 AHCFRKHITDVFNWKVRAGSDKLGSPSLAVAKIIIEFPMPYKXNDIALMKLOPPLTFS 303
QY 302 GTVRPICLPFDEBELTPATPLMIIGMFTKONGGKMSDIILOASVOVLDSTRCANADAYQ 361
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 304 GTVRPICLPFDEBELTPATPLMIIGMFTKONGGKMSDIILOASVOVLDSTRCANADAYQ 363
QY 362 GEVTEKMMACAGIPBEGVDTCQDSCGAPLYOSDQHVHVGIVSWGCGGSPSTPGVYTKVS 421
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 364 GEVTEKMMACAGIPBEGVDTCQDSCGAPLYOSDQHVHVGIVSWGCGGSPSTPGVYTKVS 423
QY 422 AYINMIYVWKAEL 435
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 424 AYINMIYVWKAEL 437
```

```
RESULT 34
US-10-994-117-7
; Sequence 7, Application US/10994117
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Polakis, Paul
; APPLICANT: Smith, Victoria
; APPLICANT: Wood, William I.
; APPLICANT: Wu, Thomas D.
; APPLICANT: Zhang, Dong-Xiao
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; FILE REFERENCE: P5037R2
; CURRENT APPLICATION NUMBER: US/10/994,117
; PRIOR FILING DATE: 2004-11-19
; PRIOR APPLICATION NUMBER: US 60/523,856
; PRIOR FILING DATE: 2004-11-20
; NUMBER OF SEQ ID NOS: 10
; SEQ ID NO 7
; LENGTH: 437
; TYPE: PRT
; ORGANISM: Homo sapien
US-10-994-117-7
```

```
Query Match          99.8%; Score 2337; DB 39; Length 437;
Best Local Similarity 100.0%; Pred. No. 9.9e-220;
Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```


QY 2 DPDSODPLNSLDVPRKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVLDKXYFL 61
DB 4 DPDSODPLNSLDVPRKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVLDKXYFL 63
QY 62 CGQPLHPIPRKOLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLDATGNW 121
DB 64 CGQPLHPIPRKOLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLDATGNW 123
QY 122 FSACFDNFTALAEATACROMGYSSKPTFRVAEIGPDODLVEITENSQELMRNSSGPC 181
DB 124 FSACFDNFTALAEATACROMGYSSKPTFRVAEIGPDODLVEITENSQELMRNSSGPC 183
QY 182 LSGSLVSLHCLACGSKSLKTPRVVGGEBASVDSMPQVSIQYDKOHVCGGSLIDPHWVLT 241
DB 184 LSGSLVSLHCLACGSKSLKTPRVVGGEBASVDSMPQVSIQYDKOHVCGGSLIDPHWVLT 243
QY 242 AHCFRKHITDVFNKVRASGDKLGSFSLAVAKIIIEFNMYPRKNDIALMKLOPPLTFS 301
DB 244 AHCFRKHITDVFNKVRASGDKLGSFSLAVAKIIIEFNMYPRKNDIALMKLOPPLTFS 303
QY 302 GTVRPCLPFPDELTATPLMTIIGWFTKONGKMSDILLQASVOYIDSTRCNADAYQ 361
DB 304 GTVRPCLPFPDELTATPLMTIIGWFTKONGKMSDILLQASVOYIDSTRCNADAYQ 363
QY 362 GEYTERKMCAGIPEGGVDTCQSDSGPLMYQSDQMHVGVISWGYCGGSPSTGVYTKV 421
DB 364 GEYTERKMCAGIPEGGVDTCQSDSGPLMYQSDQMHVGVISWGYCGGSPSTGVYTKV 423
QY 422 AYLNMIYNNWKAEL 435
DB 424 AYLNMIYNNWKAEL 437

RESULT 35
US-60-625-561-207
Sequence 207, Application US/60625561
GENERAL INFORMATION:
APPLICANT: MCCAFFREY, Ian
APPLICANT: DOMON, Bruno
TITLE OF INVENTION: PANCREATIC CANCER TARGETS AND USES
TITLE OF INVENTION: THEREOF
FILE REFERENCE: CL001557
CURRENT APPLICATION NUMBER: US/60/625,561
CURRENT FILING DATE: 2004-11-08
NUMBER OF SEQ ID NOS: 586
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 207
LENGTH: 437
TYPE: PRF
ORGANISM: Homo sapiens
US-60-625-561-207

Query Match 99.8%; Score 2337; DB 50; Length 437;
Best Local Similarity 100.0%; Pred. No. 9,9e-220;
Matches 434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 DPDSODPLNSLDVPRKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVLDKXYFL 61
DB 4 DPDSODPLNSLDVPRKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVLDKXYFL 63
QY 62 CGQPLHPIPRKOLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLDATGNW 121
DB 64 CGQPLHPIPRKOLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLDATGNW 123
QY 122 FSACFDNFTALAEATACROMGYSSKPTFRVAEIGPDODLVEITENSQELMRNSSGPC 181
DB 124 FSACFDNFTALAEATACROMGYSSKPTFRVAEIGPDODLVEITENSQELMRNSSGPC 183
QY 182 LSGSLVSLHCLACGSKSLKTPRVVGGEBASVDSMPQVSIQYDKOHVCGGSLIDPHWVLT 241
DB 184 LSGSLVSLHCLACGSKSLKTPRVVGGEBASVDSMPQVSIQYDKOHVCGGSLIDPHWVLT 243
QY 242 AHCFRKHITDVFNKVRASGDKLGSFSLAVAKIIIEFNMYPRKNDIALMKLOPPLTFS 301

DB 244 AHCFRKHITDVFNKVRASGDKLGSFSLAVAKIIIEFNMYPRKNDIALMKLOPPLTFS 303
QY 302 GTVRPCLPFPDELTATPLMTIIGWFTKONGKMSDILLQASVOYIDSTRCNADAYQ 361
DB 304 GTVRPCLPFPDELTATPLMTIIGWFTKONGKMSDILLQASVOYIDSTRCNADAYQ 363
QY 362 GEYTERKMCAGIPEGGVDTCQSDSGPLMYQSDQMHVGVISWGYCGGSPSTGVYTKV 421
DB 364 GEYTERKMCAGIPEGGVDTCQSDSGPLMYQSDQMHVGVISWGYCGGSPSTGVYTKV 423
QY 422 AYLNMIYNNWKAEL 435
DB 424 AYLNMIYNNWKAEL 437

RESULT 36
US-10-918-711-490
Sequence 490, Application US/10918711
GENERAL INFORMATION:
APPLICANT: CARGILL, Michele
TITLE OF INVENTION: POLYMORPHISMS IN NUCLEIC ACID MOLECULES
TITLE OF INVENTION: ENCODING HUMAN ENZYME PROTEINS, METHODS OF DETECTION AND
FILE REFERENCE: CL001479
CURRENT APPLICATION NUMBER: US/10/918,711
CURRENT FILING DATE: 2004-08-16
NUMBER OF SEQ ID NOS: 18339
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 490
LENGTH: 435
TYPE: PRF
ORGANISM: Homo sapiens
US-10-918-711-490

Query Match 99.6%; Score 2333; DB 39; Length 435;
Best Local Similarity 99.8%; Pred. No. 2,4e-219;
Matches 434; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MDPSDOPPLNSLDVPRKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVLDKXYFL 60
DB 1 MDPSDOPPLNSLDVPRKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVLDKXYFL 60
QY 61 LCGQPLHPIPRKOLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLDATGN 120
DB 61 LCGQPLHPIPRKOLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLDATGN 120
QY 121 WFSACFDNFTALAEATACROMGYSSKPTFRVAEIGPDODLVEITENSQELMRNSSGPC 180
DB 121 WFSACFDNFTALAEATACROMGYSSKPTFRVAEIGPDODLVEITENSQELMRNSSGPC 180
QY 181 CLSGSLVSLHCLACGSKSLKTPRVVGGEBASVDSMPQVSIQYDKOHVCGGSLIDPHWVLT 240
DB 181 CLSGSLVSLHCLACGSKSLKTPRVVGGEBASVDSMPQVSIQYDKOHVCGGSLIDPHWVLT 240
QY 241 AAHCFRKHITDVFNKVRASGDKLGSFSLAVAKIIIEFNMYPRKNDIALMKLOPPLTFS 300
DB 241 AAHCFRKHITDVFNKVRASGDKLGSFSLAVAKIIIEFNMYPRKNDIALMKLOPPLTFS 300
QY 301 SGTVRPCLPFPDELTATPLMTIIGWFTKONGKMSDILLQASVOYIDSTRCNADAY 360
DB 301 SGTVRPCLPFPDELTATPLMTIIGWFTKONGKMSDILLQASVOYIDSTRCNADAY 360
QY 361 QGEYTERKMCAGIPEGGVDTCQSDSGPLMYQSDQMHVGVISWGYCGGSPSTGVYTKV 420
DB 361 QGEYTERKMCAGIPEGGVDTCQSDSGPLMYQSDQMHVGVISWGYCGGSPSTGVYTKV 420
QY 421 SAYLNMIYNNWKAEL 435
DB 421 SAYLNMIYNNWKAEL 435

RESULT 37

```
US-10-918-754-2200
; Sequence 2200, Application US/10918754
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele
; TITLE OF INVENTION: POLYMORPHISMS IN NUCLEIC ACID MOLECULES
; TITLE OF INVENTION: ENCODING HUMAN PROTEASE PROTEINS, METHODS OF DETECTION AND
; FILE REFERENCE: CL001480
; CURRENT APPLICATION NUMBER: US/10/918,754
; CURRENT FILING DATE: 2004-08-16
; NUMBER OF SEQ ID NOS: 91238
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2200
; LENGTH: 435
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-918-754-2200
```

```
Query Match          99.6%; Score 2333; DB 39; Length 435;
Best Local Similarity 99.8%; Pred. No. 2,4e-219;
Matches 434; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1 MDPDSDDPLNSLDVKKPLRKPRIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYF 60
DB 1 MDPDSDDPLNSLDVKKPLRKPRIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYF 60
QY 61 LCGQPLHFIPRKQCDGELDCPLGEDEHCVKSPFEGPAVAVRLSKDRSTLOVLD SATGN 120
DB 61 LCGQPLHFIPRKQCDGELDCPLGEDEHCVKSPFEGPAVAVRLSKDRSTLOVLD SATGN 120
QY 121 WFSACPDNFTFALAEATACROMGYSSKPTFRRAVEIGPDODLVAEITENSQELRMNNSGP 180
DB 121 WFSACPDNFTFALAEATACROMGYSSKPTFRRAVEIGPDODLVAEITENSQELRMNNSGP 180
QY 121 WFSACPDNFTFALAEATACROMGYSSKPTFRRAVEIGPDODLVAEITENSQELRMNNSGP 180
DB 121 WFSACPDNFTFALAEATACROMGYSSKPTFRRAVEIGPDODLVAEITENSQELRMNNSGP 180
QY 181 CLSGSLVSLHCLACGKSLKTPRVVGGEEASVDSMPQVSIQYDKQHVCGGSLIDPHWVLT 240
DB 181 CLSGSLVSLHCLACGKSLKTPRVVGGEEASVDSMPQVSIQYDKQHVCGGSLIDPHWVLT 240
QY 241 AAHCFRKHDTVFNMKVRAGSDKLGSPSLAVAKIIIEFNPMYPRKNDIALMKLOFPLTF 300
DB 241 AAHCFRKHDTVFNMKVRAGSDKLGSPSLAVAKIIIEFNPMYPRKNDIALMKLOFPLTF 300
QY 301 SGTVRPCLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCNADAY 360
DB 301 SGTVRPCLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCNADAY 360
QY 361 QGEVTEKMMACGIPREGVDTCQGDSSGPLMYOSDQMHVGVIGVSGCGSPSTPGVYTKV 420
DB 361 QGEVTEKMMACGIPREGVDTCQGDSSGPLMYOSDQMHVGVIGVSGCGSPSTPGVYTKV 420
QY 421 SAYLNMWYVWKAEI 435
DB 421 SAYLNMWYVWKAEI 435
```

RESULT 38

```
US-60-495-114-2200
; Sequence 2200, Application US/60495114
; GENERAL INFORMATION:
```

```
; APPLICANT: CARGILL, Michele
; TITLE OF INVENTION: POLYMORPHISMS IN NUCLEIC ACID MOLECULES
; TITLE OF INVENTION: ENCODING HUMAN PROTEASE PROTEINS, METHODS OF DETECTION AND
; FILE REFERENCE: CL001480
; CURRENT APPLICATION NUMBER: US/60/495,114
; CURRENT FILING DATE: 2003-08-15
; NUMBER OF SEQ ID NOS: 91238
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2200
; LENGTH: 435
; TYPE: PRT
; ORGANISM: Homo sapiens
US-60-495-114-2200
```

```
Query Match          99.6%; Score 2333; DB 48; Length 435;
Best Local Similarity 99.8%; Pred. No. 2,4e-219;
Matches 434; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1 MDPDSDDPLNSLDVKKPLRKPRIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYF 60
DB 1 MDPDSDDPLNSLDVKKPLRKPRIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYF 60
QY 61 LCGQPLHFIPRKQCDGELDCPLGEDEHCVKSPFEGPAVAVRLSKDRSTLOVLD SATGN 120
DB 61 LCGQPLHFIPRKQCDGELDCPLGEDEHCVKSPFEGPAVAVRLSKDRSTLOVLD SATGN 120
QY 121 WFSACPDNFTFALAEATACROMGYSSKPTFRRAVEIGPDODLVAEITENSQELRMNNSGP 180
DB 121 WFSACPDNFTFALAEATACROMGYSSKPTFRRAVEIGPDODLVAEITENSQELRMNNSGP 180
QY 181 CLSGSLVSLHCLACGKSLKTPRVVGGEEASVDSMPQVSIQYDKQHVCGGSLIDPHWVLT 240
DB 181 CLSGSLVSLHCLACGKSLKTPRVVGGEEASVDSMPQVSIQYDKQHVCGGSLIDPHWVLT 240
QY 241 AAHCFRKHDTVFNMKVRAGSDKLGSPSLAVAKIIIEFNPMYPRKNDIALMKLOFPLTF 300
DB 241 AAHCFRKHDTVFNMKVRAGSDKLGSPSLAVAKIIIEFNPMYPRKNDIALMKLOFPLTF 300
QY 301 SGTVRPCLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCNADAY 360
DB 301 SGTVRPCLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCNADAY 360
QY 361 QGEVTEKMMACGIPREGVDTCQGDSSGPLMYOSDQMHVGVIGVSGCGSPSTPGVYTKV 420
DB 361 QGEVTEKMMACGIPREGVDTCQGDSSGPLMYOSDQMHVGVIGVSGCGSPSTPGVYTKV 420
QY 421 SAYLNMWYVWKAEI 435
DB 421 SAYLNMWYVWKAEI 435
```

RESULT 39

```
US-60-495-135-490
; Sequence 490, Application US/60495135
; GENERAL INFORMATION:
```

```
; APPLICANT: CARGILL, Michele
; TITLE OF INVENTION: POLYMORPHISMS IN NUCLEIC ACID MOLECULES
; TITLE OF INVENTION: ENCODING HUMAN ENZYME PROTEINS, METHODS OF DETECTION AND
; FILE REFERENCE: CL001479
; CURRENT APPLICATION NUMBER: US/60/495,135
; CURRENT FILING DATE: 2003-08-15
; NUMBER OF SEQ ID NOS: 18339
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 490
; LENGTH: 435
; TYPE: PRT
; ORGANISM: Homo sapiens
US-60-495-135-490
```

```
Query Match          99.6%; Score 2333; DB 48; Length 435;
Best Local Similarity 99.8%; Pred. No. 2,4e-219;
Matches 434; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1 MDPDSDDPLNSLDVKKPLRKPRIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYF 60
DB 1 MDPDSDDPLNSLDVKKPLRKPRIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYF 60
QY 61 LCGQPLHFIPRKQCDGELDCPLGEDEHCVKSPFEGPAVAVRLSKDRSTLOVLD SATGN 120
DB 61 LCGQPLHFIPRKQCDGELDCPLGEDEHCVKSPFEGPAVAVRLSKDRSTLOVLD SATGN 120
QY 121 WFSACPDNFTFALAEATACROMGYSSKPTFRRAVEIGPDODLVAEITENSQELRMNNSGP 180
DB 121 WFSACPDNFTFALAEATACROMGYSSKPTFRRAVEIGPDODLVAEITENSQELRMNNSGP 180
```

```

Qy 181 CLSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSILDPHWLT 240
Db 181 CLSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSILDPHWLT 240
Qy 241 AAHCFRKHITVFNKVRAGSDKLSFPSLAVAKIIIEFNPMYRKNDIALMKLOPLTF 300
Db 241 AAHCFRKHITVFNKVRAGSDKLSFPSLAVAKIIIEFNPMYRKNDIALMKLOPLTF 300
Qy 301 SGTWRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCANADAY 360
Db 301 SGTWRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCANADAY 360
Qy 361 QGEVTEKMMKAGIPGGVDTCCGDSGGPLMTQSDQMHVGIIVSWGCGGPGSTPGVYTKV 420
Db 361 QGEVTEKMMKAGIPGGVDTCCGDSGGPLMTQSDQMHVGIIVSWGCGGPGSTPGVYTKV 420
Qy 421 SAYLNMWYINWVWKAEL 435
Db 421 SAYLNMWYINWVWKAEL 435

RESULT 40
US-60-625-561-206
; Sequence 206, Application US/60625561
; GENERAL INFORMATION:
; APPLICANT: MCCAFREY, Ian
; APPLICANT: DOMON, Bruno
; TITLE OF INVENTION: PANCREATIC CANCER TARGETS AND USES
; FILE REFERENCE: CL001557
; CURRENT APPLICATION NUMBER: US/60/625,561
; CURRENT FILING DATE: 2004-11-08
; NUMBER OF SEQ ID NOS: 586
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 206
; LENGTH: 435
; TYPE: PR
; ORGANISM: Homo sapiens
US-60-625-561-206

Query Match 99.6%; Score 2333; DB 50; Length 435;
Best Local Similarity 99.8%; Pred. No. 2.4e-219;
Matches 434; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 MDPSDQPLNSLDVPLKRPRIEMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYF 60
Db 1 MDPSDQPLNSLDVPLKRPRIEMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYF 60
Qy 61 LCGGPLHPIPRKQICDGLDCLPGLGDEDEHCVKSPPEGPVAVVRLSKDRSTLQVLD SATGN 120
Db 61 LCGGPLHPIPRKQICDGLDCLPGLGDEDEHCVKSPPEGPVAVVRLSKDRSTLQVLD SATGN 120
Qy 121 WFSACFNFTFALAEATACROMGYSSKPTFRAVEIGPDODLDVBEITENSQELRMNNSGP 180
Db 121 WFSACFNFTFALAEATACROMGYSSKPTFRAVEIGPDODLDVBEITENSQELRMNNSGP 180
Qy 181 CLSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSILDPHWLT 240
Db 181 CLSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSILDPHWLT 240
Qy 241 AAHCFRKHITVFNKVRAGSDKLSFPSLAVAKIIIEFNPMYRKNDIALMKLOPLTF 300
Db 241 AAHCFRKHITVFNKVRAGSDKLSFPSLAVAKIIIEFNPMYRKNDIALMKLOPLTF 300
Qy 301 SGTWRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCANADAY 360
Db 301 SGTWRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCANADAY 360
Qy 361 QGEVTEKMMKAGIPGGVDTCCGDSGGPLMTQSDQMHVGIIVSWGCGGPGSTPGVYTKV 420
Db 361 QGEVTEKMMKAGIPGGVDTCCGDSGGPLMTQSDQMHVGIIVSWGCGGPGSTPGVYTKV 420
Qy 421 SAYLNMWYINWVWKAEL 435
Db 421 SAYLNMWYINWVWKAEL 435

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Db 421 SAYLNMWYINWVWKAEL 435

RESULT 41
PCT-US02-09671-1579
; Sequence 1579, Application PC/TUS0209671
; GENERAL INFORMATION:
; APPLICANT: Zycos Inc.
; TITLE OF INVENTION: TRANSLATIONAL PROFILING
; FILE REFERENCE: 08191-026K01
; CURRENT APPLICATION NUMBER: PCT/US02/09671
; CURRENT FILING DATE: 2002-03-28
; PRIOR APPLICATION NUMBER: 60/279,495
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 60/292,544
; PRIOR FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 60/310,801
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/326,370
; PRIOR FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 60/336,780
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 60/358,985
; PRIOR FILING DATE: 2002-02-20
; NUMBER OF SEQ ID NOS: 2041
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1579
; LENGTH: 492
; TYPE: PR
; ORGANISM: Homo sapiens
PCT-US02-09671-1579

Query Match 99.4%; Score 2329; DB 1; Length 492;
Best Local Similarity 100.0%; Pred. No. 7.1e-219;
Matches 432; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 1 MDPSDQPLNSLDVPLKRPRIEMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYF 60
Db 1 MDPSDQPLNSLDVPLKRPRIEMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYF 60
Qy 61 LCGGPLHPIPRKQICDGLDCLPGLGDEDEHCVKSPPEGPVAVVRLSKDRSTLQVLD SATGN 120
Db 61 LCGGPLHPIPRKQICDGLDCLPGLGDEDEHCVKSPPEGPVAVVRLSKDRSTLQVLD SATGN 120
Qy 121 WFSACFNFTFALAEATACROMGYSSKPTFRAVEIGPDODLDVBEITENSQELRMNNSGP 180
Db 121 WFSACFNFTFALAEATACROMGYSSKPTFRAVEIGPDODLDVBEITENSQELRMNNSGP 180
Qy 181 CLSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSILDPHWLT 240
Db 181 CLSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSILDPHWLT 240
Qy 241 AAHCFRKHITVFNKVRAGSDKLSFPSLAVAKIIIEFNPMYRKNDIALMKLOPLTF 300
Db 241 AAHCFRKHITVFNKVRAGSDKLSFPSLAVAKIIIEFNPMYRKNDIALMKLOPLTF 300
Qy 301 SGTWRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCANADAY 360
Db 301 SGTWRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCANADAY 360
Qy 361 QGEVTEKMMKAGIPGGVDTCCGDSGGPLMTQSDQMHVGIIVSWGCGGPGSTPGVYTKV 420
Db 361 QGEVTEKMMKAGIPGGVDTCCGDSGGPLMTQSDQMHVGIIVSWGCGGPGSTPGVYTKV 420
Qy 421 SAYLNMWYINWVWKAEL 432
Db 421 SAYLNMWYINWVWKAEL 432

RESULT 42
PCT-US02-09671-1598
; Sequence 1598, Application PC/TUS0209671

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```

; GENERAL INFORMATION:
; APPLICANT: Zycos Inc.
; TITLE OF INVENTION: TRANSLATIONAL PROFILING
; FILE REFERENCE: 08191-026W01
; CURRENT APPLICATION NUMBER: PCT/US02/09671
; PRIOR FILING DATE: 2002-03-28
; PRIOR APPLICATION NUMBER: 60/279,495
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 60/292,544
; PRIOR FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 60/310,801
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/326,370
; PRIOR FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 60/336,780
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 60/358,985
; PRIOR FILING DATE: 2002-02-20
; NUMBER OF SEQ ID NOS: 2041
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1598
; LENGTH: 492
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US02-09671-1598

```

```

Query Match      99.4%; Score 2329; DB 1; Length 492;
Best Local Similarity 100.0%; Pred. No. 7,1e-219;
Matches 432; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      1 MDPDSQPLNSLDVLRKRPIMETFRKVGIPITIALSLASIIIVVLLKVLIDKYYF 60
DB      1 MDPDSQPLNSLDVLRKRPIMETFRKVGIPITIALSLASIIIVVLLKVLIDKYYF 60
QY      61 LCGOPLHFTPRKQLCDGEIDCPDGEDEHCVKSPFEGPAVAVRLSKRSTLQVLDSATGN 120
DB      61 LCGOPLHFTPRKQLCDGEIDCPDGEDEHCVKSPFEGPAVAVRLSKRSTLQVLDSATGN 120
QY      121 WFSACFDNFTFETALAEACRQMGSSKPTFRAYEIGPDODLDVVEITENSQELRMNSSGP 180
DB      121 WFSACFDNFTFETALAEACRQMGSSKPTFRAYEIGPDODLDVVEITENSQELRMNSSGP 180
QY      121 WFSACFDNFTFETALAEACRQMGSSKPTFRAYEIGPDODLDVVEITENSQELRMNSSGP 180
DB      121 WFSACFDNFTFETALAEACRQMGSSKPTFRAYEIGPDODLDVVEITENSQELRMNSSGP 180
QY      181 CLSGSVLSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHCVGSIIDPHWVLT 240
DB      181 CLSGSVLSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHCVGSIIDPHWVLT 240
QY      181 CLSGSVLSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHCVGSIIDPHWVLT 240
DB      181 CLSGSVLSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHCVGSIIDPHWVLT 240
QY      241 AAHCFRKHDTVDNMMYKVRAGSDKLSFPLAVAKIIIEFNPMYPKNDIALMKLOPPLTF 300
DB      241 AAHCFRKHDTVDNMMYKVRAGSDKLSFPLAVAKIIIEFNPMYPKNDIALMKLOPPLTF 300
QY      301 SGTVRPCLPFPDELTLPATPLMIIGMFTKONGGKMSDILQASVQVIDSTRCNADDAY 360
DB      301 SGTVRPCLPFPDELTLPATPLMIIGMFTKONGGKMSDILQASVQVIDSTRCNADDAY 360
QY      361 QGEVTEKMMKAGIPFEGVDTCCGDSGGPLMYQSDQMHVGVIVSWGYCGGSPSTPGVYTKV 420
DB      361 QGEVTEKMMKAGIPFEGVDTCCGDSGGPLMYQSDQMHVGVIVSWGYCGGSPSTPGVYTKV 420
QY      421 SAYLNMWYVWK 432
DB      421 SAYLNMWYVWK 432

```

```

RESULT 43
US-10-030-688-4
; Sequence 4, Application us/10030688
; GENERAL INFORMATION:
; APPLICANT: Merck Patent GmbH
; TITLE OF INVENTION: Seripancitin
; FILE REFERENCE: SeripancitinHWS
; CURRENT APPLICATION NUMBER: US/10/030,688
; PRIOR FILING DATE: 2002-01-14
; NUMBER OF SEQ ID NOS: 6

```

```

; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 492
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-030-688-4

```

```

Query Match      99.4%; Score 2329; DB 30; Length 492;
Best Local Similarity 100.0%; Pred. No. 7,1e-219;
Matches 432; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      1 MDPDSQPLNSLDVLRKRPIMETFRKVGIPITIALSLASIIIVVLLKVLIDKYYF 60
DB      1 MDPDSQPLNSLDVLRKRPIMETFRKVGIPITIALSLASIIIVVLLKVLIDKYYF 60
QY      61 LCGOPLHFTPRKQLCDGEIDCPDGEDEHCVKSPFEGPAVAVRLSKRSTLQVLDSATGN 120
DB      61 LCGOPLHFTPRKQLCDGEIDCPDGEDEHCVKSPFEGPAVAVRLSKRSTLQVLDSATGN 120
QY      121 WFSACFDNFTFETALAEACRQMGSSKPTFRAYEIGPDODLDVVEITENSQELRMNSSGP 180
DB      121 WFSACFDNFTFETALAEACRQMGSSKPTFRAYEIGPDODLDVVEITENSQELRMNSSGP 180
QY      181 CLSGSVLSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHCVGSIIDPHWVLT 240
DB      181 CLSGSVLSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHCVGSIIDPHWVLT 240
QY      241 AAHCFRKHDTVDNMMYKVRAGSDKLSFPLAVAKIIIEFNPMYPKNDIALMKLOPPLTF 300
DB      241 AAHCFRKHDTVDNMMYKVRAGSDKLSFPLAVAKIIIEFNPMYPKNDIALMKLOPPLTF 300
QY      301 SGTVRPCLPFPDELTLPATPLMIIGMFTKONGGKMSDILQASVQVIDSTRCNADDAY 360
DB      301 SGTVRPCLPFPDELTLPATPLMIIGMFTKONGGKMSDILQASVQVIDSTRCNADDAY 360
QY      361 QGEVTEKMMKAGIPFEGVDTCCGDSGGPLMYQSDQMHVGVIVSWGYCGGSPSTPGVYTKV 420
DB      361 QGEVTEKMMKAGIPFEGVDTCCGDSGGPLMYQSDQMHVGVIVSWGYCGGSPSTPGVYTKV 420
QY      421 SAYLNMWYVWK 432
DB      421 SAYLNMWYVWK 432

```

```

RESULT 44
US-10-473-127-1579
; Sequence 1579, Application us/10473127
; GENERAL INFORMATION:
; APPLICANT: Zycos Inc.
; TITLE OF INVENTION: TRANSLATIONAL PROFILING
; FILE REFERENCE: 08191-026W01
; CURRENT APPLICATION NUMBER: US/10/473,127
; PRIOR FILING DATE: 2003-09-26
; PRIOR APPLICATION NUMBER: 60/279,495
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 60/292,544
; PRIOR FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 60/310,801
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/326,370
; PRIOR FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 60/336,780
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 60/358,985
; PRIOR FILING DATE: 2002-02-20
; NUMBER OF SEQ ID NOS: 2041
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1579
; LENGTH: 492
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-473-127-1579

```

Query Match 99.4%; Score 2329; DB 34; Length 492;
 Best Local Similarity 100.0%; Pred. No. 7.1e-219; Indels 0; Gaps 0;
 Matches 432; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1. MDPSDQPLNSLDVPLKRPRIIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKXYF 60
 DB 1 MDPSDQPLNSLDVPLKRPRIIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKXYF 60

QY 61 LCGQPLHFIPRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLOVLD SATGN 120
 DB 61 LCGQPLHFIPRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLOVLD SATGN 120

QY 121 WFSACFNDFTALAEATACROMGYSSKPTFRAVEIGPDODLDVVEITENSQELRMNSSGP 180
 DB 121 WFSACFNDFTALAEATACROMGYSSKPTFRAVEIGPDODLDVVEITENSQELRMNSSGP 180

QY 181 CLSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSMPWQVSIQYDKQHVCGGSLIDPHWVLT 240
 DB 181 CLSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSMPWQVSIQYDKQHVCGGSLIDPHWVLT 240

QY 241 AAHCFRKHDTVFNKVRAGSDKLSFPSLA VAKIIIEFNPMYPKNDIALMKLOPPLTF 300
 DB 241 AAHCFRKHDTVFNKVRAGSDKLSFPSLA VAKIIIEFNPMYPKNDIALMKLOPPLTF 300

QY 301 SGTVRPICLPFDEBELTPATPLMIIGWFTKONGGKMSDILLQASVOVISTRCNADAY 360
 DB 301 SGTVRPICLPFDEBELTPATPLMIIGWFTKONGGKMSDILLQASVOVISTRCNADAY 360

QY 361 QGEVTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVGVISVNGYCGGSPSTGVTYKV 420
 DB 361 QGEVTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVGVISVNGYCGGSPSTGVTYKV 420

QY 421 SAYLNMWYVWK 432
 DB 421 SAYLNMWYVWK 432

RESULT 45
 US-10-473-127-1598
 ; Sequence 1598, Application US/10473127
 ; GENERAL INFORMATION:
 ; APPLICANT: Zycos Inc.
 ; TITLE OF INVENTION: TRANSLATIONAL PROFILING
 ; FILE REFERENCE: 08191-026W01
 ; CURRENT FILING DATE: 2003-09-26
 ; PRIOR FILING DATE: 2003-09-26
 ; PRIOR APPLICATION NUMBER: 60/279,495
 ; PRIOR FILING DATE: 2001-03-28
 ; PRIOR APPLICATION NUMBER: 60/292,544
 ; PRIOR FILING DATE: 2001-05-21
 ; PRIOR APPLICATION NUMBER: 60/310,801
 ; PRIOR FILING DATE: 2001-08-08
 ; PRIOR APPLICATION NUMBER: 60/326,370
 ; PRIOR FILING DATE: 2001-10-01
 ; PRIOR APPLICATION NUMBER: 60/336,780
 ; PRIOR FILING DATE: 2001-12-04
 ; PRIOR APPLICATION NUMBER: 60/358,985
 ; PRIOR FILING DATE: 2002-02-20
 ; NUMBER OF SEQ ID NOS: 2041
 ; SOFTWARE: FASTSEQ for Windows Version 4.0
 ; SEQ ID NO 1598
 ; LENGTH: 492
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-10-473-127-1598

Query Match 99.4%; Score 2329; DB 34; Length 492;
 Best Local Similarity 100.0%; Pred. No. 7.1e-219; Indels 0; Gaps 0;
 Matches 432; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1. MDPSDQPLNSLDVPLKRPRIIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKXYF 60
 DB 1 MDPSDQPLNSLDVPLKRPRIIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKXYF 60

QY 61 LCGQPLHFIPRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLOVLD SATGN 120
 DB 61 LCGQPLHFIPRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLOVLD SATGN 120

QY 121 WFSACFNDFTALAEATACROMGYSSKPTFRAVEIGPDODLDVVEITENSQELRMNSSGP 180
 DB 121 WFSACFNDFTALAEATACROMGYSSKPTFRAVEIGPDODLDVVEITENSQELRMNSSGP 180

QY 181 CLSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSMPWQVSIQYDKQHVCGGSLIDPHWVLT 240
 DB 181 CLSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSMPWQVSIQYDKQHVCGGSLIDPHWVLT 240

QY 241 AAHCFRKHDTVFNKVRAGSDKLSFPSLA VAKIIIEFNPMYPKNDIALMKLOPPLTF 300
 DB 241 AAHCFRKHDTVFNKVRAGSDKLSFPSLA VAKIIIEFNPMYPKNDIALMKLOPPLTF 300

QY 301 SGTVRPICLPFDEBELTPATPLMIIGWFTKONGGKMSDILLQASVOVISTRCNADAY 360
 DB 301 SGTVRPICLPFDEBELTPATPLMIIGWFTKONGGKMSDILLQASVOVISTRCNADAY 360

QY 361 QGEVTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVGVISVNGYCGGSPSTGVTYKV 420
 DB 361 QGEVTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVGVISVNGYCGGSPSTGVTYKV 420

QY 421 SAYLNMWYVWK 432
 DB 421 SAYLNMWYVWK 432

RESULT 46
 US-10-170-205E-12791
 ; Sequence 12791, Application US/10170205E
 ; GENERAL INFORMATION:
 ; APPLICANT: ADAMS, Mark
 ; TITLE OF INVENTION: DEVICES, SUCH AS ARRAYS, COMPRISED OF HUMAN PROTEINS OR PROTEIN
 ; FILE REFERENCE: CL001381
 ; CURRENT FILING DATE: 2002-06-13
 ; NUMBER OF SEQ ID NOS: 40312
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 12791
 ; LENGTH: 437
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-10-170-205E-12791

Query Match 99.4%; Score 2328; DB 31; Length 437;
 Best Local Similarity 99.8%; Pred. No. 7.6e-219; Indels 1; Gaps 0;
 Matches 433; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2. DPDSQPLNSLDVPLKRPRIIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKXYF 61
 DB 4. DPDSQPLNSLDVPLKRPRIIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKXYF 63

QY 62 CGQPLHFIPRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLOVLD SATGN 121
 DB 64 CGQPLHFIPRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLOVLD SATGN 123

QY 122 WFSACFNDFTALAEATACROMGYSSKPTFRAVEIGPDODLDVVEITENSQELRMNSSGP 181
 DB 124 WFSACFNDFTALAEATACROMGYSSKPTFRAVEIGPDODLDVVEITENSQELRMNSSGP 183

QY 182 LSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSMPWQVSIQYDKQHVCGGSLIDPHWVLT 241
 DB 184 LSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSMPWQVSIQYDKQHVCGGSLIDPHWVLT 243

QY 242 AAHCFRKHDTVFNKVRAGSDKLSFPSLA VAKIIIEFNPMYPKNDIALMKLOPPLTF 301
 DB 244 AAHCFRKHDTVFNKVRAGSDKLSFPSLA VAKIIIEFNPMYPKNDIALMKLOPPLTF 303

QY 302 GTVRPICLPFDEBELTPATPLMIIGWFTKONGGKMSDILLQASVOVISTRCNADAY 361

```
Db 304 GTVRICLPFDELTPTATPLMTITGMGFTKONGKMSDILLQASVQVISTRCNADAVQ 363
Qy 362 GEVTERKMCAGIPREGVDTCQDSGGPLMYOSDOMHVIGVSMGCGSPSTGYTKYS 421
Db 364 GEVTERKMCAGIPREGVDTCQDSGGPLMYOSDOMHVIGVSMGCGSPSTGYTKYS 423
Qy 422 AYLMWYVWKAEL 435
Db 424 AYLMWYVWKAEL 437
```

```
RESULT 47
US-10-918-711-491
; Sequence 491, Application US/10918711
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele
; TITLE OF INVENTION: POLYMORPHISMS IN NUCLEIC ACID MOLECULES
; TITLE OF INVENTION: ENCODING HUMAN ENZYME PROTEINS, METHODS OF DETECTION AND
; FILE REFERENCE: C1001479
; CURRENT APPLICATION NUMBER: US/10/918,711
; NUMBER OF SEQ ID NOS: 18339
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 491
; LENGTH: 437
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-918-711-491
```

```
Query Match 99.4%; Score 2328; DB 39; Length 437;
Best Local Similarity 99.8%; Pred. No. 7.6e-219;
Matches 433; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 DPDSQPLNSLDVKKPKRKPRIMETFRKVGIPITIALSLASIIIVVLIKVIIDKXYFL 61
Db 4 DPDSQPLNSLDVKKPKRKPRIMETFRKVGIPITIALSLASIIIVVLIKVIIDKXYFL 63
Qy 62 CGQPLHFIPRKQICDGEIDCPLGDEDEHCVSFPEGPAVAVRLSKDSTLQVLD SATGNW 121
Db 64 CGQPLHFIPRKQICDGEIDCPLGDEDEHCVSFPEGPAVAVRLSKDSTLQVLD SATGNW 123
Qy 122 FSACPDNTEALAEFAKQMGYSKPTFRAYEIGPDODLVEITENSQELRMNNSGPC 181
Db 124 FSACPDNTEALAEFAKQMGYSKPTFRAYEIGPDODLVEITENSQELRMNNSGPC 183
Qy 182 LSGSLVSLHCLACGSKLTPRVVGEERASVDSWPMQVSIQYDKQHVCGSIIIDPHWVLT 241
Db 184 LSGSLVSLHCLACGSKLTPRVVGEERASVDSWPMQVSIQYDKQHVCGSIIIDPHWVLT 243
Qy 242 AHCRKHTDVFNWVKRAGSDGLSPSLAVAKIIIEFNMPYPRNDIALMKIQPLTFS 301
Db 244 AHCRKHTDVFNWVKRAGSDGLSPSLAVAKIIIEFNMPYPRNDIALMKIQPLTFS 303
Qy 302 GTVRPICLPFDELTPTATPLMTITGMGFTKONGKMSDILLQASVQVISTRCNADAVQ 361
Db 304 GTVRPICLPFDELTPTATPLMTITGMGFTKONGKMSDILLQASVQVISTRCNADAVQ 363
Qy 362 GEVTERKMCAGIPREGVDTCQDSGGPLMYOSDOMHVIGVSMGCGSPSTGYTKYS 421
Db 364 GEVTERKMCAGIPREGVDTCQDSGGPLMYOSDOMHVIGVSMGCGSPSTGYTKYS 423
Qy 422 AYLMWYVWKAEL 435
Db 424 AYLMWYVWKAEL 437
```

```
RESULT 48
US-10-918-754-2201
; Sequence 2201, Application US/10918754
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele
```

```
; TITLE OF INVENTION: POLYMORPHISMS IN NUCLEIC ACID MOLECULES
; TITLE OF INVENTION: ENCODING HUMAN PROTEASE PROTEINS, METHODS OF DETECTION AND
; FILE REFERENCE: C1001480
; CURRENT APPLICATION NUMBER: US/10/918,754
; NUMBER OF SEQ ID NOS: 91238
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2201
; LENGTH: 437
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-918-754-2201
```

```
Query Match 99.4%; Score 2328; DB 39; Length 437;
Best Local Similarity 99.8%; Pred. No. 7.6e-219;
Matches 433; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 DPDSQPLNSLDVKKPKRKPRIMETFRKVGIPITIALSLASIIIVVLIKVIIDKXYFL 61
Db 4 DPDSQPLNSLDVKKPKRKPRIMETFRKVGIPITIALSLASIIIVVLIKVIIDKXYFL 63
Qy 62 CGQPLHFIPRKQICDGEIDCPLGDEDEHCVSFPEGPAVAVRLSKDSTLQVLD SATGNW 121
Db 64 CGQPLHFIPRKQICDGEIDCPLGDEDEHCVSFPEGPAVAVRLSKDSTLQVLD SATGNW 123
Qy 122 FSACPDNTEALAEFAKQMGYSKPTFRAYEIGPDODLVEITENSQELRMNNSGPC 181
Db 124 FSACPDNTEALAEFAKQMGYSKPTFRAYEIGPDODLVEITENSQELRMNNSGPC 183
Qy 182 LSGSLVSLHCLACGSKLTPRVVGEERASVDSWPMQVSIQYDKQHVCGSIIIDPHWVLT 241
Db 184 LSGSLVSLHCLACGSKLTPRVVGEERASVDSWPMQVSIQYDKQHVCGSIIIDPHWVLT 243
Qy 242 AHCRKHTDVFNWVKRAGSDGLSPSLAVAKIIIEFNMPYPRNDIALMKIQPLTFS 301
Db 244 AHCRKHTDVFNWVKRAGSDGLSPSLAVAKIIIEFNMPYPRNDIALMKIQPLTFS 303
Qy 302 GTVRPICLPFDELTPTATPLMTITGMGFTKONGKMSDILLQASVQVISTRCNADAVQ 361
Db 304 GTVRPICLPFDELTPTATPLMTITGMGFTKONGKMSDILLQASVQVISTRCNADAVQ 363
Qy 362 GEVTERKMCAGIPREGVDTCQDSGGPLMYOSDOMHVIGVSMGCGSPSTGYTKYS 421
Db 364 GEVTERKMCAGIPREGVDTCQDSGGPLMYOSDOMHVIGVSMGCGSPSTGYTKYS 423
Qy 422 AYLMWYVWKAEL 435
Db 424 AYLMWYVWKAEL 437
```

```
RESULT 49
US-60-452-680-24198
; Sequence 24198, Application US/60452680
; GENERAL INFORMATION:
; APPLICANT: GROPE, Andrew
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; FILE REFERENCE: C1001450
; CURRENT APPLICATION NUMBER: US/60/452,680
; NUMBER OF SEQ ID NOS: 116213
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 24198
; LENGTH: 437
; TYPE: PRT
; ORGANISM: Homo sapiens
US-60-452-680-24198
```

```
Query Match 99.4%; Score 2328; DB 48; Length 437;
Best Local Similarity 99.8%; Pred. No. 7.6e-219;
Matches 433; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```



```

QY 2 DPDSQPLNSLDVYKPLKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKXYFL 61
DB 4 DPDSQPLNSLDVYKPLKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKXYFL 63
QY 62 CGOPLHPIPRKOLCDGELDCPLGDEDEHCYKSPFEGPAVAVARLSKDRSTLQVLSATGNW 121
DB 64 CGOPLHPIPRKOLCDGELDCPLGDEDEHCYKSPFEGPAVAVARLSKDRSTLQVLSATGNW 123
QY 122 FSACFDFNTEALAEATACRQMGYSKPTFRAVEIGPDODLVEITENSQELRMNSSGPC 181
DB 124 FSACFDFNTEALAEATACRQMGYSKPTFRAVEIGPDODLVEITENSQELRMNSSGPC 183
QY 182 LSGSLVSLHCLACGSKSLKTPRVVGEBAASVDSWPMQVSIQYDKQHVCGGSLIDPHWVLT 241
DB 184 LSGSLVSLHCLACGSKSLKTPRVVGEBAASVDSWPMQVSIQYDKQHVCGGSLIDPHWVLT 243
QY 242 AHCFRKHITDVFNMKVRAGSDKLSFPSLAIVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 301
DB 244 AHCFRKHITDVFNMKVRAGSDKLSFPSLAIVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 303
QY 302 GTVRPILCPFEDELTPTATPLMIIGWFTKONGKMSDILLOASVOYIDSTRCANADAYQ 361
DB 304 GTVRPILCPFEDELTPTATPLMIIGWFTKONGKMSDILLOASVOYIDSTRCANADAYQ 363
QY 362 GEVTERMMKAGIPREGVDTCQGDGSGPLMTQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
DB 364 GEVTERMMKAGIPREGVDTCQGDGSGPLMTQSDQMHVGVISWGYCGGSPSTPGVYTKVS 423
QY 422 AYLNMTYNNWKAEL 435
DB 424 AYLNMTYNNWKAEL 437

```

RESULT 50
US-60-453-050-15076
Sequence 15076, Application US/60453050
GENERAL INFORMATION:
APPLICANT: CARGILL, Michele
APPLICANT: LUKE, May
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: STENOSIS, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001457
CURRENT APPLICATION NUMBER: US/60/453, 050
CURRENT FILING DATE: 2003-03-10
NUMBER OF SEQ ID NOS: 82762
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 15076
LENGTH: 437
TYPE: PRT
ORGANISM: Homo sapiens
US-60-453-050-15076

Query Match 99.4%; Score 2328; DB 48; Length 437;
Best Local Similarity 99.8%; Pred. No. 7.6e-219;
Matches 433; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

QY 2 DPDSQPLNSLDVYKPLKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKXYFL 61
DB 4 DPDSQPLNSLDVYKPLKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKXYFL 63
QY 62 CGOPLHPIPRKOLCDGELDCPLGDEDEHCYKSPFEGPAVAVARLSKDRSTLQVLSATGNW 121
DB 64 CGOPLHPIPRKOLCDGELDCPLGDEDEHCYKSPFEGPAVAVARLSKDRSTLQVLSATGNW 123
QY 122 FSACFDFNTEALAEATACRQMGYSKPTFRAVEIGPDODLVEITENSQELRMNSSGPC 181
DB 124 FSACFDFNTEALAEATACRQMGYSKPTFRAVEIGPDODLVEITENSQELRMNSSGPC 183
QY 182 LSGSLVSLHCLACGSKSLKTPRVVGEBAASVDSWPMQVSIQYDKQHVCGGSLIDPHWVLT 241
DB 184 LSGSLVSLHCLACGSKSLKTPRVVGEBAASVDSWPMQVSIQYDKQHVCGGSLIDPHWVLT 243

```

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QY 242 AHCFRKHITDVFNMKVRAGSDKLSFPSLAIVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 301
DB 244 AHCFRKHITDVFNMKVRAGSDKLSFPSLAIVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 303
QY 302 GTVRPILCPFEDELTPTATPLMIIGWFTKONGKMSDILLOASVOYIDSTRCANADAYQ 361
DB 304 GTVRPILCPFEDELTPTATPLMIIGWFTKONGKMSDILLOASVOYIDSTRCANADAYQ 363
QY 362 GEVTERMMKAGIPREGVDTCQGDGSGPLMTQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
DB 364 GEVTERMMKAGIPREGVDTCQGDGSGPLMTQSDQMHVGVISWGYCGGSPSTPGVYTKVS 423
QY 422 AYLNMTYNNWKAEL 435
DB 424 AYLNMTYNNWKAEL 437

```

RESULT 51
US-60-453-135-15076
Sequence 15076, Application US/60453135
GENERAL INFORMATION:
APPLICANT: CARGILL, Michele
APPLICANT: IAKOUBOVA, Olga
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001456
CURRENT APPLICATION NUMBER: US/60/453, 135
CURRENT FILING DATE: 2003-03-10
NUMBER OF SEQ ID NOS: 82762
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 15076
LENGTH: 437
TYPE: PRT
ORGANISM: Homo sapiens
US-60-453-135-15076

Query Match 99.4%; Score 2328; DB 48; Length 437;
Best Local Similarity 99.8%; Pred. No. 7.6e-219;
Matches 433; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

QY 2 DPDSQPLNSLDVYKPLKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKXYFL 61
DB 4 DPDSQPLNSLDVYKPLKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKXYFL 63
QY 62 CGOPLHPIPRKOLCDGELDCPLGDEDEHCYKSPFEGPAVAVARLSKDRSTLQVLSATGNW 121
DB 64 CGOPLHPIPRKOLCDGELDCPLGDEDEHCYKSPFEGPAVAVARLSKDRSTLQVLSATGNW 123
QY 122 FSACFDFNTEALAEATACRQMGYSKPTFRAVEIGPDODLVEITENSQELRMNSSGPC 181
DB 124 FSACFDFNTEALAEATACRQMGYSKPTFRAVEIGPDODLVEITENSQELRMNSSGPC 183
QY 182 LSGSLVSLHCLACGSKSLKTPRVVGEBAASVDSWPMQVSIQYDKQHVCGGSLIDPHWVLT 241
DB 184 LSGSLVSLHCLACGSKSLKTPRVVGEBAASVDSWPMQVSIQYDKQHVCGGSLIDPHWVLT 243
QY 242 AHCFRKHITDVFNMKVRAGSDKLSFPSLAIVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 301
DB 244 AHCFRKHITDVFNMKVRAGSDKLSFPSLAIVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 303
QY 302 GTVRPILCPFEDELTPTATPLMIIGWFTKONGKMSDILLOASVOYIDSTRCANADAYQ 361
DB 304 GTVRPILCPFEDELTPTATPLMIIGWFTKONGKMSDILLOASVOYIDSTRCANADAYQ 363
QY 362 GEVTERMMKAGIPREGVDTCQGDGSGPLMTQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
DB 364 GEVTERMMKAGIPREGVDTCQGDGSGPLMTQSDQMHVGVISWGYCGGSPSTPGVYTKVS 423
QY 422 AYLNMTYNNWKAEL 435
DB 424 AYLNMTYNNWKAEL 437

```

RESULT 52

US-60-466-412-15076

Sequence 15076, Application US/60466412

GENERAL INFORMATION:

APPLICANT: CARGILL, Michele

APPLICANT: IAKOUBOVA, Olga

TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH

TITLE OF INVENTION: MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF

FILE REFERENCE: CL001466

CURRENT FILING DATE: 2003-04-30

NUMBER OF SEQ ID NOS: 429241

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 15076

LENGTH: 437

TYPE: PRT

ORGANISM: Homo sapiens

US-60-466-412-15076

Query Match Best Local Similarity 99.4%; Score 2328; DB 48; Length 437;

Matches 433; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 DPDSQPLNSLDVYKPKRPIMETFRKVGIPITIALSLASITIVVLLIKVILDKYYFL 61

DB 4 DPDSQPLNSLDVYKPKRPIMETFRKVGIPITIALSLASITIVVLLIKVILDKYYFL 63

QY 62 CGQPLHFIIPRKQDCGEIDCPGDEDEHCYKSPFEGPAVAVRLSKDRSTLOVLSATGNW 121

DB 64 CGQPLHFIIPRKQDCGEIDCPGDEDEHCYKSPFEGPAVAVRLSKDRSTLOVLSATGNW 123

QY 122 FSACPDNFTALAEATACRQMGYSKPTFAVEIGPDODLVEITENSQELRMNNSGPGC 181

DB 124 FSACPDNFTALAEATACRQMGYSKPTFAVEIGPDODLVEITENSQELRMNNSGPGC 183

QY 182 LSGSLVSLHCLACGSKLTPRVVGESEASVDSWPQVSIQYDKQHVCGSITLDPHWLTA 241

DB 184 LSGSLVSLHCLACGSKLTPRVVGESEASVDSWPQVSIQYDKQHVCGSITLDPHWLTA 243

QY 242 AHCFKHHDVFNWKVRASDGLGSPSLAVAKIIIEFNMPYPRONDIALMKQPLTF 301

DB 244 AHCFKHHDVFNWKVRASDGLGSPSLAVAKIIIEFNMPYPRONDIALMKQPLTF 303

QY 302 GTVRPCLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCANADAYQ 361

DB 304 GTVRPCLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCANADAYQ 363

QY 362 GEVTERKMCAGIPGCGVDTCCGDSGGLMYQSDQMHVGVISWGYCGGPGSTPGVYTKYS 421

DB 364 GEVTERKMCAGIPGCGVDTCCGDSGGLMYQSDQMHVGVISWGYCGGPGSTPGVYTKYS 423

QY 422 AYLMWIVNWKAEI 435

DB 424 AYLMWIVNWKAEI 437

RESULT 53

US-60-495-114-2201

Sequence 2201, Application US/60495114

GENERAL INFORMATION:

APPLICANT: CARGILL, Michele

TITLE OF INVENTION: POLYMORPHISMS IN NUCLEIC ACID MOLECULES

TITLE OF INVENTION: ENCODING HUMAN PROTEASE PROTEINS, METHODS OF DETECTION AND

FILE REFERENCE: CL001480

CURRENT FILING DATE: 2003-08-15

NUMBER OF SEQ ID NOS: 91238

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 2201

LENGTH: 437

TYPE: PRT

ORGANISM: Homo sapiens

US-60-495-114-2201

Query Match Best Local Similarity 99.4%; Score 2328; DB 48; Length 437;

Matches 433; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 DPDSQPLNSLDVYKPKRPIMETFRKVGIPITIALSLASITIVVLLIKVILDKYYFL 61

DB 4 DPDSQPLNSLDVYKPKRPIMETFRKVGIPITIALSLASITIVVLLIKVILDKYYFL 63

QY 62 CGQPLHFIIPRKQDCGEIDCPGDEDEHCYKSPFEGPAVAVRLSKDRSTLOVLSATGNW 121

DB 64 CGQPLHFIIPRKQDCGEIDCPGDEDEHCYKSPFEGPAVAVRLSKDRSTLOVLSATGNW 123

QY 122 FSACPDNFTALAEATACRQMGYSKPTFAVEIGPDODLVEITENSQELRMNNSGPGC 181

DB 124 FSACPDNFTALAEATACRQMGYSKPTFAVEIGPDODLVEITENSQELRMNNSGPGC 183

QY 182 LSGSLVSLHCLACGSKLTPRVVGESEASVDSWPQVSIQYDKQHVCGSITLDPHWLTA 241

DB 184 LSGSLVSLHCLACGSKLTPRVVGESEASVDSWPQVSIQYDKQHVCGSITLDPHWLTA 243

QY 242 AHCFKHHDVFNWKVRASDGLGSPSLAVAKIIIEFNMPYPRONDIALMKQPLTF 301

DB 244 AHCFKHHDVFNWKVRASDGLGSPSLAVAKIIIEFNMPYPRONDIALMKQPLTF 303

QY 302 GTVRPCLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCANADAYQ 361

DB 304 GTVRPCLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCANADAYQ 363

QY 362 GEVTERKMCAGIPGCGVDTCCGDSGGLMYQSDQMHVGVISWGYCGGPGSTPGVYTKYS 421

DB 364 GEVTERKMCAGIPGCGVDTCCGDSGGLMYQSDQMHVGVISWGYCGGPGSTPGVYTKYS 423

QY 422 AYLMWIVNWKAEI 435

DB 424 AYLMWIVNWKAEI 437

RESULT 54

US-60-495-135-491

Sequence 491, Application US/60495135

GENERAL INFORMATION:

APPLICANT: CARGILL, Michele

TITLE OF INVENTION: POLYMORPHISMS IN NUCLEIC ACID MOLECULES

TITLE OF INVENTION: ENCODING HUMAN ENZYME PROTEINS, METHODS OF DETECTION AND

FILE REFERENCE: CL001479

CURRENT FILING DATE: 2003-08-15

NUMBER OF SEQ ID NOS: 18339

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 491

LENGTH: 437

TYPE: PRT

ORGANISM: Homo sapiens

US-60-495-135-491

Query Match Best Local Similarity 99.4%; Score 2328; DB 48; Length 437;

Matches 433; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 DPDSQPLNSLDVYKPKRPIMETFRKVGIPITIALSLASITIVVLLIKVILDKYYFL 61

DB 4 DPDSQPLNSLDVYKPKRPIMETFRKVGIPITIALSLASITIVVLLIKVILDKYYFL 63

QY 62 CGQPLHFIIPRKQDCGEIDCPGDEDEHCYKSPFEGPAVAVRLSKDRSTLOVLSATGNW 121

DB 64 CGQPLHFIIPRKQDCGEIDCPGDEDEHCYKSPFEGPAVAVRLSKDRSTLOVLSATGNW 123

QY 122 FSACPDNFTALAEATACRQMGYSKPTFAVEIGPDODLVEITENSQELRMNNSGPGC 181

DB 124 FSACPDNFTALAEATACRQMGYSKPTFAVEIGPDODLVEITENSQELRMNNSGPGC 183

QY 182 LSGSLVSLHCLACGSLKTPRVGGEASVDSWPQVSIQYDKOHVCGSILDDPHVLT 241
DB 184 LSGSLVSLHCLACGSLKTPRVGGEASVDSWPQVSIQYDKOHVCGSILDDPHVLT 243
QY 242 AHCFRKHDTVNMKVRASDGLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
DB 244 AHCFRKHDTVNMKVRASDGLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 303
QY 302 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADAYQ 361
DB 304 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADAYQ 363
QY 362 GEYTERKMCAGIPBEGGVDTCCGDSGGLMYOSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
DB 364 GEYTERKMCAGIPBEGGVDTCCGDSGGLMYOSDQMHVGVISWGYCGGSPSTPGVYTKVS 423
QY 422 AYLMNIYVWKAE 435
DB 424 AYLMNIYVWKAE 437

RESULT 55

US-60-625-561-205
Sequence 205, Application US/60625561
GENERAL INFORMATION:
APPLICANT: MCCAFFREY, Ian
APPLICANT: DOMON, Bruno
TITLE OF INVENTION: PANCREATIC CANCER TARGETS AND USES
TITLE OF INVENTION: THEREOF
FILE REFERENCE: C1001557
CURRENT APPLICATION NUMBER: US/60/625,561
CURRENT FILING DATE: 2004-11-08
NUMBER OF SEQ ID NOS: 586
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 205
LENGTH: 437
TYPE: PRT
ORGANISM: Homo sapiens
US-60-625-561-205

Query Match 99.4%; Score 2328; DB 50; Length 437;
Best Local Similarity 99.8%; Pred. No. 7,6e-219;
Matches 433; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 DSDSOPPLNSLDVFKLRKPRIPMETFRKVGIPITIALSLASIIIVVLIKYLIDKYFL 61
DB 4 DSDSOPPLNSLDVFKLRKPRIPMETFRKVGIPITIALSLASIIIVVLIKYLIDKYFL 63
QY 62 CGQPLHFIPIRQOLCGEELDCPLGEBDEHCVKSPBGPAAVAVLSKORSTLYVLSATGNW 121
DB 64 CGQPLHFIPIRQOLCGEELDCPLGEBDEHCVKSPBGPAAVAVLSKORSTLYVLSATGNW 123
QY 122 PSACPDNFTALAEFTACRQMGYSKPTFRAVEIGPDODLVEITENSQELMRNSGFC 181
DB 124 PSACPDNFTALAEFTACRQMGYSKPTFRAVEIGPDODLVEITENSQELMRNSGFC 183
QY 182 LSGSLVSLHCLACGSLKTPRVVGEASVDSWPQVSIQYDKOHVCGSILDDPHVLT 241
DB 184 LSGSLVSLHCLACGSLKTPRVVGEASVDSWPQVSIQYDKOHVCGSILDDPHVLT 243
QY 242 AHCFRKHDTVNMKVRASDGLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
DB 244 AHCFRKHDTVNMKVRASDGLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 303
QY 302 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADAYQ 361
DB 304 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADAYQ 363
QY 362 GEYTERKMCAGIPBEGGVDTCCGDSGGLMYOSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
DB 364 GEYTERKMCAGIPBEGGVDTCCGDSGGLMYOSDQMHVGVISWGYCGGSPSTPGVYTKVS 423

QY 422 AYLMNIYVWKAE 435
DB 424 AYLMNIYVWKAE 437

RESULT 56

PCT-US02-09671-1583
Sequence 1583, Application PC/TUS0209671
GENERAL INFORMATION:
APPLICANT: Zycos Inc.
TITLE OF INVENTION: TRANSLATIONAL PROFILING
FILE REFERENCE: 08191-026W01
CURRENT APPLICATION NUMBER: PCT/US02/09671
CURRENT FILING DATE: 2002-03-28
PRIOR APPLICATION NUMBER: 60/279,495
PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 60/292,544
PRIOR FILING DATE: 2001-05-21
PRIOR APPLICATION NUMBER: 60/310,801
PRIOR FILING DATE: 2001-08-08
PRIOR APPLICATION NUMBER: 60/326,370
PRIOR FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: 60/336,780
PRIOR FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: 60/358,985
PRIOR FILING DATE: 2002-02-20
NUMBER OF SEQ ID NOS: 2041
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1583
LENGTH: 437
TYPE: PRT
ORGANISM: Homo sapiens
PCT-US02-09671-1583

Query Match 99.0%; Score 2319; DB 1; Length 437;
Best Local Similarity 99.5%; Pred. No. 5.8e-218;
Matches 432; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2 DSDSOPPLNSLDVFKLRKPRIPMETFRKVGIPITIALSLASIIIVVLIKYLIDKYFL 61
DB 4 DSDSOPPLNSLDVFKLRKPRIPMETFRKVGIPITIALSLASIIIVVLIKYLIDKYFL 63
QY 62 CGQPLHFIPIRQOLCGEELDCPLGEBDEHCVKSPBGPAAVAVLSKORSTLYVLSATGNW 121
DB 64 CGQPLHFIPIRQOLCGEELDCPLGEBDEHCVKSPBGPAAVAVLSKORSTLYVLSATGNW 123
QY 122 PSACPDNFTALAEFTACRQMGYSKPTFRAVEIGPDODLVEITENSQELMRNSGFC 181
DB 124 PSACPDNFTALAEFTACRQMGYSKPTFRAVEIGPDODLVEITENSQELMRNSGFC 183
QY 182 LSGSLVSLHCLACGSLKTPRVVGEASVDSWPQVSIQYDKOHVCGSILDDPHVLT 241
DB 184 LSGSLVSLHCLACGSLKTPRVVGEASVDSWPQVSIQYDKOHVCGSILDDPHVLT 243
QY 242 AHCFRKHDTVNMKVRASDGLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
DB 244 AHCFRKHDTVNMKVRASDGLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 303
QY 302 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADAYQ 361
DB 304 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADAYQ 363
QY 362 GEYTERKMCAGIPBEGGVDTCCGDSGGLMYOSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
DB 364 GEYTERKMCAGIPBEGGVDTCCGDSGGLMYOSDQMHVGVISWGYCGGSPSTPGVYTKVS 423
QY 422 AYLMNIYVWKAE 435
DB 424 AYLMNIYVWKAE 437

RESULT 57

PCT-US02-09671-1588

```

; Sequence 1588, Application PC/TUS0209671
; GENERAL INFORMATION:
; APPLICANT: Zycos Inc.
; TITLE OF INVENTION: TRANSLATIONAL PROFILING
; FILE REFERENCE: 08191-026W01
; CURRENT APPLICATION NUMBER: PCT/US02/09671
; PRIOR FILING DATE: 2002-03-28
; PRIOR APPLICATION NUMBER: 60/279,495
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 60/292,544
; PRIOR FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 60/310,801
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/326,370
; PRIOR FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 60/336,780
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 60/358,985
; PRIOR FILING DATE: 2002-02-20
; NUMBER OF SEQ ID NOS: 2041
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1588
; LENGTH: 437
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US02-09671-1588

```

```

Query Match 99.0%; Score 2319; DB 1; Length 437;
Best Local Similarity 99.5%; Pred. No. 5.8e-218;
Matches 432; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 2 DPSSDPLNSLDVYKPKRKRIEMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYFL 61
DB 4 DPSSDPLNSLDVYKPKRKRIEMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYFL 63
QY 62 CGQPLHFIIRKQKDCDELDCPLGDEDEHCYKSPFPGPAVAARLSKDRSTLQVLSATGNW 121
DB 64 CGQPLHFIIRKQKDCDELDCPLGDEDEHCYKSPFPGPAVAARLSKDRSTLQVLSATGNW 123
QY 122 FSACDFNFTFALAEACRQMGYSKPTFRVAIEIGPDQDLVVEITENSQELRMNNSGPC 181
DB 124 FSACDFNFTFALAEACRQMGYSKPTFRVAIEIGPDQDLVVEITENSQELRMNNSGPC 183
QY 182 LSGSLVSLHCLACGSLKTPRVVGGEEASVDSWPMQVSIQYDIQHVCGSILDPHWLTA 241
DB 184 LSGSLVSLHCLACGSLKTPRVVGGEEASVDSWPMQVSIQYDIQHVCGSILDPHWLTA 243
QY 242 AHCFRKHFDVFNWKVRASDKLGSFPSLAIVAKIIIEFNPMYPRONDIALMKLQPLTFS 301
DB 244 AHCFRKHFDVFNWKVRASDKLGSFPSLAIVAKIIIEFNPMYPRONDIALMKLQPLTFS 303
QY 302 GTVRPICLPFDEDELTPATPLMIIGMGFTKONGGKMSDILLQASVQYIDSTRCNADDAVQ 361
DB 304 GTVRPICLPFDEDELTPATPLMIIGMGFTKONGGKMSDILLQASVQYIDSTRCNADDAVQ 363
QY 362 GEVTERKMKACGIPRGGVDTCCGDSGGPLMYOSDQMHVGVISVNGYCGGSGSTGYTTKVS 421
DB 364 GEVTERKMKACGIPRGGVDTCCGDSGGPLMYOSDQMHVGVISVNGYCGGSGSTGYTTKVS 423
QY 422 AYLMWIVVMKAEI 435
DB 424 AYLMWIVVMKAEI 437

```

```

RESULT 58
US-09-776-191-4
; Sequence 4, Application US/09776191
; GENERAL INFORMATION:
; APPLICANT: Edwin L. Madison
; APPLICANT: Edgar O. Ong
; APPLICANT: Jium-Chern Yeh
; APPLICANT: Corvas International, Inc.
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING

```

```

; TITLE OF INVENTION: TRANSMEMBRANE SERINE PROTEASES, THE ENCODED PROTEINS AND
; FILE REFERENCE: 24745-1607
; CURRENT APPLICATION NUMBER: US/09/776,191
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 60/213,124
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 60/234,840
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 60/179,982
; PRIOR FILING DATE: 2000-02-03
; PRIOR APPLICATION NUMBER: 60/183,542
; PRIOR FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: 09/657,968
; PRIOR FILING DATE: 2000-02-08
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 437
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-776-191-4

```

```

Query Match 99.0%; Score 2319; DB 27; Length 437;
Best Local Similarity 99.5%; Pred. No. 5.8e-218;
Matches 432; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 2 DPSSDPLNSLDVYKPKRKRIEMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYFL 61
DB 4 DPSSDPLNSLDVYKPKRKRIEMETFRKVGIPITIALSLASIIIVVLIKVIIDKYYFL 63
QY 62 CGQPLHFIIRKQKDCDELDCPLGDEDEHCYKSPFPGPAVAARLSKDRSTLQVLSATGNW 121
DB 64 CGQPLHFIIRKQKDCDELDCPLGDEDEHCYKSPFPGPAVAARLSKDRSTLQVLSATGNW 123
QY 122 FSACDFNFTFALAEACRQMGYSKPTFRVAIEIGPDQDLVVEITENSQELRMNNSGPC 181
DB 124 FSACDFNFTFALAEACRQMGYSKPTFRVAIEIGPDQDLVVEITENSQELRMNNSGPC 183
QY 182 LSGSLVSLHCLACGSLKTPRVVGGEEASVDSWPMQVSIQYDIQHVCGSILDPHWLTA 241
DB 184 LSGSLVSLHCLACGSLKTPRVVGGEEASVDSWPMQVSIQYDIQHVCGSILDPHWLTA 243
QY 242 AHCFRKHFDVFNWKVRASDKLGSFPSLAIVAKIIIEFNPMYPRONDIALMKLQPLTFS 301
DB 244 AHCFRKHFDVFNWKVRASDKLGSFPSLAIVAKIIIEFNPMYPRONDIALMKLQPLTFS 303
QY 302 GTVRPICLPFDEDELTPATPLMIIGMGFTKONGGKMSDILLQASVQYIDSTRCNADDAVQ 361
DB 304 GTVRPICLPFDEDELTPATPLMIIGMGFTKONGGKMSDILLQASVQYIDSTRCNADDAVQ 363
QY 362 GEVTERKMKACGIPRGGVDTCCGDSGGPLMYOSDQMHVGVISVNGYCGGSGSTGYTTKVS 421
DB 364 GEVTERKMKACGIPRGGVDTCCGDSGGPLMYOSDQMHVGVISVNGYCGGSGSTGYTTKVS 423
QY 422 AYLMWIVVMKAEI 435
DB 424 AYLMWIVVMKAEI 437

```

```

RESULT 59
US-10-156-214A-4
; Sequence 4, Application US/10156214A
; GENERAL INFORMATION:
; APPLICANT: Edwin L. Madison
; APPLICANT: Joseph Edward Semple
; APPLICANT: George P. Vlasuk
; APPLICANT: Scott Jeffrey Kemp
; APPLICANT: Mallareddy Komandla
; APPLICANT: Daniel Vanna Siev
; TITLE OF INVENTION: Conjugates Activated By Cell Surface Proteases and Therapeutic Us
; FILE REFERENCE: 24745-1611

```

CURRENT APPLICATION NUMBER: US/10/156,214A
 CURRENT FILING DATE: 2002-05-23
 NUMBER OF SEQ ID NOS: 611
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 4
 LENGTH: 437
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-156-214A-4

Query Match 99.0%; Score 2319; DB 34; Length 437;
 Best Local Similarity 99.5%; Pred. No. 5.8e-218;
 Matches 432; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

QY 2 DPDSQPLNSLDVPRKPRIPMETFRKVGIPITIIALISLIIIVVLLIKVILDKYFL 61
DB 4 DPDSQPLNSLDVPRKPRIPMETFRKVGIPITIIALISLIIIVVLLIKVILDKYFL 63
QY 62 CGOPLHPIPRKQDCGELDCPLGDEBHCYKSPFEGPAVAARLSKDRSTLQVLSATGNW 121
DB 64 CGOPLHPIPRKQDCGELDCPLGDEBHCYKSPFEGPAVAARLSKDRSTLQVLSATGNW 123
QY 122 FSACPDNTEALAEATACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMNNSGPC 181
DB 124 FSACPDNTEALAEATACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMNNSGPC 183
QY 182 LSGSLVSLHCLACGSLKTPRVGGEASVDSWPMQVSIQYDIQHVCGSILDPHVLTA 241
DB 184 LSGSLVSLHCLACGSLKTPRVGGEASVDSWPMQVSIQYDIQHVCGSILDPHVLTA 243
QY 242 AHCFRKHDTVNMKVRASDGLSGFSPSLAVAKIIIEFNPMYPKNDIALMKQFPLTFS 301
DB 244 AHCFRKHDTVNMKVRASDGLSGFSPSLAVAKIIIEFNPMYPKNDIALMKQFPLTFS 303
QY 302 GTVRPICLPFDEBELTPATPLMIIGMFTKONGGMSDILLQASVOVIDSTRCNADDAVQ 361
DB 304 GTVRPICLPFDEBELTPATPLMIIGMFTKONGGMSDILLQASVOVIDSTRCNADDAVQ 363
QY 362 GEVEKMMKACGIPREGVDTCCGDSGGLMYQSDQMHVGVISWGYCGGSPSTPGVYTVS 421
DB 364 GEVEKMMKACGIPREGVDTCCGDSGGLMYQSDQMHVGVISWGYCGGSPSTPGVYTVS 423
QY 422 AYLMNIYVMKAEI 435
DB 424 AYLMNIYVMKAEI 437

```

RESULT 60
 US-10-473-127-1583
 Sequence 1583, Application US/10473127
 GENERAL INFORMATION:
 APPLICANT: Zycos Inc.
 TITLE OF INVENTION: TRANSLATIONAL PROFILING
 FILE REFERENCE: 08191-026W01
 CURRENT APPLICATION NUMBER: US/10/473,127
 CURRENT FILING DATE: 2003-09-26
 PRIOR APPLICATION NUMBER: 60/279,495
 PRIOR FILING DATE: 2001-03-28
 PRIOR APPLICATION NUMBER: 60/292,544
 PRIOR FILING DATE: 2001-05-21
 PRIOR APPLICATION NUMBER: 60/310,801
 PRIOR FILING DATE: 2001-08-08
 PRIOR APPLICATION NUMBER: 60/326,370
 PRIOR FILING DATE: 2001-10-01
 PRIOR APPLICATION NUMBER: 60/336,780
 PRIOR FILING DATE: 2001-12-04
 PRIOR APPLICATION NUMBER: 60/358,985
 PRIOR FILING DATE: 2002-02-20
 NUMBER OF SEQ ID NOS: 2041
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 1583
 LENGTH: 437
 TYPE: PRT

ORGANISM: Homo sapiens
 US-10-473-127-1583

Query Match 99.0%; Score 2319; DB 34; Length 437;
 Best Local Similarity 99.5%; Pred. No. 5.8e-218;
 Matches 432; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

QY 2 DPDSQPLNSLDVPRKPRIPMETFRKVGIPITIIALISLIIIVVLLIKVILDKYFL 61
DB 4 DPDSQPLNSLDVPRKPRIPMETFRKVGIPITIIALISLIIIVVLLIKVILDKYFL 63
QY 62 CGOPLHPIPRKQDCGELDCPLGDEBHCYKSPFEGPAVAARLSKDRSTLQVLSATGNW 121
DB 64 CGOPLHPIPRKQDCGELDCPLGDEBHCYKSPFEGPAVAARLSKDRSTLQVLSATGNW 123
QY 122 FSACPDNTEALAEATACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMNNSGPC 181
DB 124 FSACPDNTEALAEATACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMNNSGPC 183
QY 182 LSGSLVSLHCLACGSLKTPRVGGEASVDSWPMQVSIQYDIQHVCGSILDPHVLTA 241
DB 184 LSGSLVSLHCLACGSLKTPRVGGEASVDSWPMQVSIQYDIQHVCGSILDPHVLTA 243
QY 242 AHCFRKHDTVNMKVRASDGLSGFSPSLAVAKIIIEFNPMYPKNDIALMKQFPLTFS 301
DB 244 AHCFRKHDTVNMKVRASDGLSGFSPSLAVAKIIIEFNPMYPKNDIALMKQFPLTFS 303
QY 302 GTVRPICLPFDEBELTPATPLMIIGMFTKONGGMSDILLQASVOVIDSTRCNADDAVQ 361
DB 304 GTVRPICLPFDEBELTPATPLMIIGMFTKONGGMSDILLQASVOVIDSTRCNADDAVQ 363
QY 362 GEVEKMMKACGIPREGVDTCCGDSGGLMYQSDQMHVGVISWGYCGGSPSTPGVYTVS 421
DB 364 GEVEKMMKACGIPREGVDTCCGDSGGLMYQSDQMHVGVISWGYCGGSPSTPGVYTVS 423
QY 422 AYLMNIYVMKAEI 435
DB 424 AYLMNIYVMKAEI 437

```

RESULT 61
 US-10-473-127-1588
 Sequence 1588, Application US/10473127
 GENERAL INFORMATION:
 APPLICANT: Zycos Inc.
 TITLE OF INVENTION: TRANSLATIONAL PROFILING
 FILE REFERENCE: 08191-026W01
 CURRENT APPLICATION NUMBER: US/10/473,127
 CURRENT FILING DATE: 2003-09-26
 PRIOR APPLICATION NUMBER: 60/279,495
 PRIOR FILING DATE: 2001-03-28
 PRIOR APPLICATION NUMBER: 60/292,544
 PRIOR FILING DATE: 2001-05-21
 PRIOR APPLICATION NUMBER: 60/310,801
 PRIOR FILING DATE: 2001-08-08
 PRIOR APPLICATION NUMBER: 60/326,370
 PRIOR FILING DATE: 2001-10-01
 PRIOR APPLICATION NUMBER: 60/336,780
 PRIOR FILING DATE: 2001-12-04
 PRIOR APPLICATION NUMBER: 60/358,985
 PRIOR FILING DATE: 2002-02-20
 NUMBER OF SEQ ID NOS: 2041
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 1588
 LENGTH: 437
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-473-127-1588

Query Match 99.0%; Score 2319; DB 34; Length 437;
 Best Local Similarity 99.5%; Pred. No. 5.8e-218;
 Matches 432; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2 DPDSOPLNSLDVPRKLRPRIPMETFRKVGIPITIALSLASIIIVVLLIKVLLDKXYFL 61
Db 4 DPDSOPLNSLDVPRKLRPRIPMETFRKVGIPITIALSLASIIIVVLLIKVLLDKXYFL 63
QY 62 CGOPLHFIIPRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLDASATGMW 121
Db 64 CGOPLHFIIPRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLDASATGMW 123
QY 122 FSACFDNFTALAEACRQMGYSKPTFRFAVEIGPQDDLDVVEITENSQELRMRNSGPGC 181
Db 124 FSACFDNFTALAEACRQMGYSKPTFRFAVEIGPQDDLDVVEITENSQELRMRNSGPGC 183
QY 182 LSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSMPQVSIQYDKQHVCGSSILDPHWLTA 241
Db 184 LSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSMPQVSIQYDKQHVCGSSILDPHWLTA 243
QY 242 AHCFRKHITDVFNKVRAGSDKLSFPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
Db 244 AHCFRKHITDVFNKVRAGSDKLSFPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 303
QY 302 GTVRPCLPFDEBELTPATPLMTIIGWFTKONGKXSDILLQASVQYIDSTRCANADAYQ 361
Db 304 GTVRPCLPFDEBELTPATPLMTIIGWFTKONGKXSDILLQASVQYIDSTRCANADAYQ 363
QY 362 GEYTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVVGIVSWGCGGSPSTPGVYTKVS 421
Db 364 GEYTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVVGIVSWGCGGSPSTPGVYTKVS 423
QY 422 AYLMWITYNWAKEL 435
Db 424 AYLMWITYNWAKEL 437

RESULT 62
PCT-US05-15207-1276
; Sequence 1276, Application PC/TUS0515207
; GENERAL INFORMATION:
; APPLICANT: Biogen Idec Inc.
; APPLICANT: Bechtel, Pamela
; APPLICANT: Daniels, Mark
; APPLICANT: McLachlan, Karen
; APPLICANT: Zhai, Yufeng
; APPLICANT: Coleon, Benjamin L.
; APPLICANT: O'Brien, Nicole W.
; TITLE OF INVENTION: Membrane Associated Molecules
; FILE REFERENCE: 2159.049PC01
; CURRENT APPLICATION NUMBER: PCT/US05/15207
; CURRENT FILING DATE: 2005-05-02
; PRIOR APPLICATION NUMBER: 60/567,187
; PRIOR FILING DATE: 2004-04-30
; NUMBER OF SEQ ID NOS: 3462
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1276
; LENGTH: 431
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US05-15207-1276

Query Match 98.8%; Score 2315; DB 1; Length 431;
Best Local Similarity 99.8%; Pred. No. 1.4e-217;
Matches 430; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2 DPDSOPLNSLDVPRKLRPRIPMETFRKVGIPITIALSLASIIIVVLLIKVLLDKXYFL 61
Db 1 DPDSOPLNSLDVPRKLRPRIPMETFRKVGIPITIALSLASIIIVVLLIKVLLDKXYFL 60
QY 62 CGOPLHFIIPRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLDASATGMW 121
Db 61 CGOPLHFIIPRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLDASATGMW 120
QY 122 FSACFDNFTALAEACRQMGYSKPTFRFAVEIGPQDDLDVVEITENSQELRMRNSGPGC 181
Db 121 FSACFDNFTALAEACRQMGYSKPTFRFAVEIGPQDDLDVVEITENSQELRMRNSGPGC 180

QY 182 LSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSMPQVSIQYDKQHVCGSSILDPHWLTA 241
Db 181 LSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSMPQVSIQYDKQHVCGSSILDPHWLTA 240
QY 242 AHCFRKHITDVFNKVRAGSDKLSFPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
Db 241 AHCFRKHITDVFNKVRAGSDKLSFPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 300
QY 302 GTVRPCLPFDEBELTPATPLMTIIGWFTKONGKXSDILLQASVQYIDSTRCANADAYQ 361
Db 301 GTVRPCLPFDEBELTPATPLMTIIGWFTKONGKXSDILLQASVQYIDSTRCANADAYQ 360
QY 362 GEYTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVVGIVSWGCGGSPSTPGVYTKVS 421
Db 361 GEYTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVVGIVSWGCGGSPSTPGVYTKVS 420
QY 422 AYLMWITYNWAK 432
Db 421 AYLMWITYNWAK 431

RESULT 63
US-60-230-435-1634
; Sequence 1634, Application US/60230435
; GENERAL INFORMATION:
; APPLICANT: Beasley, Ellen
; TITLE OF INVENTION: ISOLATED HUMAN PROTEASE PROTEINS,
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN PROTEASE PROTEINS, AND
; FILE REFERENCE: C1000768
; CURRENT APPLICATION NUMBER: US/60/230,435
; CURRENT FILING DATE: 2000-09-06
; NUMBER OF SEQ ID NOS: 2991
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1634
; LENGTH: 488
; TYPE: PRT
; ORGANISM: HUMAN
; FEATURE:
; NAME/KEY: VARIANT
; LOCATION: (1)...(488)
; OTHER INFORMATION: Xaa = Any Amino Acid
US-60-230-435-1634

Query Match 98.2%; Score 2299.5; DB 46; Length 488;
Best Local Similarity 97.3%; Pred. No. 5.6e-216;
Matches 430; Conservative 0; Mismatches 1; Indels 11; Gaps 1;
QY 2 DPDSOPLNSLDVPRKLRPRIPMETFRKVGIPITIALSLASIIIVVLLIKVLLDKXYFL 61
Db 19 DPDSOPLNSLDVPRKLRPRIPMETFRKVGIPITIALSLASIIIVVLLIKVLLDKXYFL 78
QY 62 CGOPLHFIIPRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLDASATGMW 121
Db 79 CGOPLHFIIPRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLDASATGMW 138
QY 122 FSACFDNFTALAEACRQMGYSKPTFRFAVEIGPQDDLDVVEITENSQ 170
Db 121 FSACFDNFTALAEACRQMGYSKPTFRFAVEIGPQDDLDVVEITENSQ 198
QY 171 ELRMRNSGPGC LSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSMPQVSIQYDKQHVCGG 230
Db 199 ELRMRNSGPGC LSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSMPQVSIQYDKQHVCGG 258
QY 231 SILDPHWLTAHCFRKHITDVFNKVRAGSDKLSFPSLAVAKIIIEFNPMYPKNDIAL 290
Db 259 SILDPHWLTAHCFRKHITDVFNKVRAGSDKLSFPSLAVAKIIIEFNPMYPKNDIAL 318
QY 291 LMKLOPPLTFSGTVTRPCLPFDEBELTPATPLMTIIGWFTKONGKXSDILLQASVQYID 350
Db 319 LMKLOPPLTFSGTVTRPCLPFDEBELTPATPLMTIIGWFTKONGKXSDILLQASVQYID 378

QY 351 STRCNADAYOGGEVTEKMKAGIPEGVDTCQDSGGPLMTQSDPMHVIVISWGYGCG 410
DB 379 STRCNADADAYOGGEVTEKMKAGIPEGVDTCQDSGGPLMTQSDPMHVIVISWGYGCG 438
QY 411 PSTGVYTKVSAIYLMWYVWK 432
DB 439 PSTGVYTKVSAIYLMWYVWK 460

RESULT 64
US-60-212-659-507
; Sequence 507, Application US/60212659
; GENERAL INFORMATION:
; APPLICANT: Beasley, Ellen
; TITLE OF INVENTION: ISOLATED HUMAN PROTEASE PROTEINS,
; NUCLEIC ACID MOLECULES ENCODING HUMAN PROTEASE PROTEINS, AND
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: CL000674
; CURRENT APPLICATION NUMBER: US/60/212,659
; CURRENT FILING DATE: 2000-06-19
; NUMBER OF SEQ ID NOS: 879
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 507
; LENGTH: 506
; TYPE: PRT
; ORGANISM: HUMAN
US-60-212-659-507

Query Match 98.2%; Score 2299.5; DB 46; Length 506;
Best Local Similarity 97.3%; Pred. No. 5.8e-216;
Matches 430; Conservative 0; Mismatches 1; Indels 11; Gaps 1;

QY 2 DPDSQPLNSLDVPELRKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKYFL 61
DB 20 DPDSQPLNSLDVPELRKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKYFL 79
QY 62 CGOPLHFIPIKQDCGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDSTLQVLDSATGM 121
DB 80 CGOPLHFIPIKQDCGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDSTLQVLDSATGM 139
QY 122 FSACFNDFTBALAETACRQMGY-----SSKPTFRAVEIGPDDLDVVEITENSQ 170
DB 140 FSACFNDFTBALAETACRQMGYSSQSLPLDVSSKPTFRAVEIGPDDLDVVEITENSQ 199
QY 171 ELRMNNSGPGCLSGSLVSLHCLACGKSLKTPRVVGEASVDSWPMQVSIQYDKQHVCGG 230
DB 200 ELRMNNSGPGCLSGSLVSLHCLACGKSLKTPRVVGEASVDSWPMQVSIQYDKQHVCGG 259
QY 231 SILDPHWLTLAHCRRKHTDVNMKVRAGSDKLSFPSPSLAVAKIIIEFNPMYPRONDIA 290
DB 260 SILDPHWLTLAHCRRKHTDVNMKVRAGSDKLSFPSPSLAVAKIIIEFNPMYPRONDIA 319
QY 291 LMKLOPLTFSGTVRPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYID 350
DB 320 LMKLOPLTFSGTVRPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYID 379
QY 351 STRCNADADAYOGGEVTEKMKAGIPEGVDTCQDSGGPLMTQSDPMHVIVISWGYGCG 410
DB 380 STRCNADADAYOGGEVTEKMKAGIPEGVDTCQDSGGPLMTQSDPMHVIVISWGYGCG 439
QY 411 PSTGVYTKVSAIYLMWYVWK 432
DB 440 PSTGVYTKVSAIYLMWYVWK 461

RESULT 65
US-60-233-940-145
; Sequence 145, Application US/60233940
; GENERAL INFORMATION:
; APPLICANT: Beasley, Ellen
; TITLE OF INVENTION: ISOLATED HUMAN PROTEASE PROTEINS,
; NUCLEIC ACID MOLECULES ENCODING HUMAN PROTEASE PROTEINS, AND
; TITLE OF INVENTION: USES THEREOF

FILE REFERENCE: CL000823
; CURRENT APPLICATION NUMBER: US/60/233,940
; CURRENT FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 252
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 145
; LENGTH: 526
; TYPE: PRT
; ORGANISM: HUMAN
US-60-233-940-145

Query Match 98.2%; Score 2299.5; DB 46; Length 526;
Best Local Similarity 97.3%; Pred. No. 6.2e-216;
Matches 430; Conservative 0; Mismatches 1; Indels 11; Gaps 1;

QY 2 DPDSQPLNSLDVPELRKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKYFL 61
DB 25 DPDSQPLNSLDVPELRKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKYFL 84
QY 62 CGOPLHFIPIKQDCGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDSTLQVLDSATGM 121
DB 85 CGOPLHFIPIKQDCGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDSTLQVLDSATGM 144
QY 122 FSACFNDFTBALAETACRQMGY-----SSKPTFRAVEIGPDDLDVVEITENSQ 170
DB 145 FSACFNDFTBALAETACRQMGYSSQSLPLDVSSKPTFRAVEIGPDDLDVVEITENSQ 204
QY 171 ELRMNNSGPGCLSGSLVSLHCLACGKSLKTPRVVGEASVDSWPMQVSIQYDKQHVCGG 230
DB 205 ELRMNNSGPGCLSGSLVSLHCLACGKSLKTPRVVGEASVDSWPMQVSIQYDKQHVCGG 264
QY 231 SILDPHWLTLAHCRRKHTDVNMKVRAGSDKLSFPSPSLAVAKIIIEFNPMYPRONDIA 290
DB 265 SILDPHWLTLAHCRRKHTDVNMKVRAGSDKLSFPSPSLAVAKIIIEFNPMYPRONDIA 324
QY 291 LMKLOPLTFSGTVRPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYID 350
DB 325 LMKLOPLTFSGTVRPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYID 384
QY 351 STRCNADADAYOGGEVTEKMKAGIPEGVDTCQDSGGPLMTQSDPMHVIVISWGYGCG 410
DB 385 STRCNADADAYOGGEVTEKMKAGIPEGVDTCQDSGGPLMTQSDPMHVIVISWGYGCG 444
QY 411 PSTGVYTKVSAIYLMWYVWK 432
DB 445 PSTGVYTKVSAIYLMWYVWK 466

RESULT 66
PCT-US02-09671-1587
; Sequence 1587, Application PC/TUS0209671
; GENERAL INFORMATION:
; APPLICANT: Zycoo Inc.
; TITLE OF INVENTION: TRANSLATIONAL PROFILING
; FILE REFERENCE: 08191-026W01
; CURRENT APPLICATION NUMBER: PCT/US02/09671
; CURRENT FILING DATE: 2002-03-28
; PRIOR APPLICATION NUMBER: 60/279,495
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 60/292,544
; PRIOR FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 60/310,801
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/326,370
; PRIOR FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 60/336,780
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 60/358,985
; PRIOR FILING DATE: 2002-02-20
; NUMBER OF SEQ ID NOS: 2041
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1587
; LENGTH: 432

```

; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US02-09671-1587

```

```

Query Match      98.1%; Score 2297.5; DB 1; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```

```

QY 2 DPDSQPLNSLDVPRKRPRIEMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 61
DB 4 DPDSQPLNSLDVPRKRPRIEMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 63
QY 62 CGQPLHFIIPRKQICDGLDCEIAGEDEHCVKSPFEGPAVAVRLSKORSTLQVLD SATGNW 121
DB 64 CGQPLHFIIPRKQICDGLDCEIAGEDEHCVKSPFEGPAVAVRLSKORSTLQVLD SATGNW 123
QY 122 FSACFDNFTEALAEATACRQMGYSKPTFRABEIGPQDLDVVEITENSOELMRNNSGPGC 181
DB 124 FSACFDNFTEALAEATACRQMGYSKPTFRABEIGPQDLDVVEITENSOELMRNNSGPGC 178
QY 182 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSMPWQVSIQYDKOHVCGGSIIDPHWVLT 241
DB 179 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSMPWQVSIQYDKOHVCGGSIIDPHWVLT 238
QY 242 AHCFRKTVDVFNKVRAGSDKLGSPSLAVAKIIIEFNPMYRKNDIALMKLOPPLTFS 301
DB 239 AHCFRKTVDVFNKVRAGSDKLGSPSLAVAKIIIEFNPMYRKNDIALMKLOPPLTFS 298
QY 302 GTVRPICLPFDEELTPATPLMTIGWFTKONGKRSIDLLQASVQVIDSTRCNADDAVQ 361
DB 299 GTVRPICLPFDEELTPATPLMTIGWFTKONGKRSIDLLQASVQVIDSTRCNADDAVQ 358
QY 362 GEYTERMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVVGIVSMGVCGGSPSTPGVYTKVS 421
DB 359 GEYTERMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVVGIVSMGVCGGSPSTPGVYTKVS 418
QY 422 AYINMTYNNWKAEL 435
DB 419 AYINMTYNNWKAEL 432

```

```

RESULT 67
PCT-US02-09671-1595
; Sequence 1595, Application PC/TUS0209671
; GENERAL INFORMATION:
; APPLICANT: Zycos Inc.
; TITLE OF INVENTION: TRANSITIONAL PROFILING
; FILE REFERENCE: 08191-026W01
; CURRENT APPLICATION NUMBER: PCT/US02/09671
; PRIOR FILING DATE: 2002-03-28
; PRIOR APPLICATION NUMBER: 60/279,495
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 60/292,544
; PRIOR FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 60/310,801
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/326,370
; PRIOR FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 60/336,780
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 60/358,985
; PRIOR FILING DATE: 2002-02-20
; SOFTWARE: FastSeq for Windows Version 4.0
; NUMBER OF SEQ ID NOS: 2041
; SEQ ID NO 1595
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US02-09671-1595

```

```

Query Match      98.1%; Score 2297.5; DB 1; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```

```

QY 2 DPDSQPLNSLDVPRKRPRIEMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 61
DB 4 DPDSQPLNSLDVPRKRPRIEMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 63
QY 62 CGQPLHFIIPRKQICDGLDCEIAGEDEHCVKSPFEGPAVAVRLSKORSTLQVLD SATGNW 121
DB 64 CGQPLHFIIPRKQICDGLDCEIAGEDEHCVKSPFEGPAVAVRLSKORSTLQVLD SATGNW 123
QY 122 FSACFDNFTEALAEATACRQMGYSKPTFRABEIGPQDLDVVEITENSOELMRNNSGPGC 181
DB 124 FSACFDNFTEALAEATACRQMGYSKPTFRABEIGPQDLDVVEITENSOELMRNNSGPGC 178
QY 182 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSMPWQVSIQYDKOHVCGGSIIDPHWVLT 241
DB 179 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSMPWQVSIQYDKOHVCGGSIIDPHWVLT 238
QY 242 AHCFRKTVDVFNKVRAGSDKLGSPSLAVAKIIIEFNPMYRKNDIALMKLOPPLTFS 301
DB 239 AHCFRKTVDVFNKVRAGSDKLGSPSLAVAKIIIEFNPMYRKNDIALMKLOPPLTFS 298
QY 302 GTVRPICLPFDEELTPATPLMTIGWFTKONGKRSIDLLQASVQVIDSTRCNADDAVQ 361
DB 299 GTVRPICLPFDEELTPATPLMTIGWFTKONGKRSIDLLQASVQVIDSTRCNADDAVQ 358
QY 362 GEYTERMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVVGIVSMGVCGGSPSTPGVYTKVS 421
DB 359 GEYTERMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVVGIVSMGVCGGSPSTPGVYTKVS 418
QY 422 AYINMTYNNWKAEL 435
DB 419 AYINMTYNNWKAEL 432

```

```

RESULT 68
PCT-US02-09671-1600
; Sequence 1600, Application PC/TUS0209671
; GENERAL INFORMATION:
; APPLICANT: Zycos Inc.
; TITLE OF INVENTION: TRANSITIONAL PROFILING
; FILE REFERENCE: 08191-026W01
; CURRENT APPLICATION NUMBER: PCT/US02/09671
; PRIOR FILING DATE: 2002-03-28
; PRIOR APPLICATION NUMBER: 60/279,495
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 60/292,544
; PRIOR FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 60/310,801
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/326,370
; PRIOR FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 60/336,780
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 60/358,985
; PRIOR FILING DATE: 2002-02-20
; SOFTWARE: FastSeq for Windows Version 4.0
; NUMBER OF SEQ ID NOS: 2041
; SEQ ID NO 1600
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US02-09671-1600

```

```

Query Match      98.1%; Score 2297.5; DB 1; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```

```

QY 2 DPDSQPLNSLDVPRKRPRIEMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 61
DB 4 DPDSQPLNSLDVPRKRPRIEMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 63
QY 62 CGQPLHFIIPRKQICDGLDCEIAGEDEHCVKSPFEGPAVAVRLSKORSTLQVLD SATGNW 121

```

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Db      64 CGOPLHFI PRKQCDGELDPLGDEDEHCVKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 123
Oy      122 PSACFNDFTEALATACRQWYSSKPTFAVEIGPDOLDVVEITENSQELRMNNSGPC 181
Db      124 PSACFNDFTEALATACRQWYSSKPTFAVEIGPDOLDVVEITENSQELRMNNSGPC 178
Oy      182 LSGSLVSLHCLACGKSLKTPRVVGEERASVDSWPMQVSIQYDKQHVCGSILDPHMLVLA 241
Db      179 LSGSLVSLHCLACGKSLKTPRVVGEERASVDSWPMQVSIQYDKQHVCGSILDPHMLVLA 238
Oy      242 AHCRKHTDVNMKVRAGSDKLSFPSLA VAKIIIEFNPMYPKNDI ALMKLOPPLTFS 301
Db      239 AHCRKHTDVNMKVRAGSDKLSFPSLA VAKIIIEFNPMYPKNDI ALMKLOPPLTFS 298
Oy      302 GTVAPICLPFDEBELTPATPLMIIGWGTQKNGKMSDILLQASVQVYDSTRCNADDAVYQ 361
Db      299 GTVAPICLPFDEBELTPATPLMIIGWGTQKNGKMSDILLQASVQVYDSTRCNADDAVYQ 358
Oy      362 GEVTERKMMCAGIPBGGVDTCQDSSGGLMYOSDOMHVGVISWGYGCGSPSTPGVYTKVS 421
Db      359 GEVTERKMMCAGIPBGGVDTCQDSSGGLMYOSDOMHVGVISWGYGCGSPSTPGVYTKVS 418
Oy      422 AYLMWYVVMKRAEL 435
Db      419 AYLMWYVVMKRAEL 432

RESULT 69
PCT-US02-41798A-65
; Sequence 65, Application PC/TUS0241798A
; GENERAL INFORMATION:
; APPLICANT: FRANTZ, GRETCHEN
; APPLICANT: HILLAN, KENNETH J.
; APPLICANT: PHILLIPS, HEIDI S.
; APPLICANT: POLAKIS, PAUL
; APPLICANT: SMITH, VICTORIA
; APPLICANT: SPENCER, SUSAN D.
; APPLICANT: WILLIAMS, P. MICKEL
; APPLICANT: WU, THOMAS D.
; APPLICANT: ZHANG, ZEMIN
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; FILE REFERENCE: P5014R1-PCT
; CURRENT APPLICATION NUMBER: PCT/US02/41798A
; PRIOR FILING DATE: 2002-12-30
; PRIOR APPLICATION NUMBER: US 60/345,444
; PRIOR FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: US 60/351,885
; PRIOR FILING DATE: 2002-01-25
; PRIOR APPLICATION NUMBER: US 60/360,066
; PRIOR FILING DATE: 2002-02-25
; PRIOR APPLICATION NUMBER: US 60/362,004
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: US 60/366,869
; PRIOR FILING DATE: 2002-03-20
; PRIOR APPLICATION NUMBER: US 60/366,284
; PRIOR FILING DATE: 2002-03-21
; PRIOR APPLICATION NUMBER: US 60/368,679
; PRIOR FILING DATE: 2002-03-28
; PRIOR APPLICATION NUMBER: US 60/404,809
; PRIOR FILING DATE: 2002-08-19
; PRIOR APPLICATION NUMBER: US 60/405,645
; PRIOR FILING DATE: 2002-08-21
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 65
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapien
PCT-US02-41798A-65

Query Match      98.1%; Score 2297.5; DB 1; Length 432;
Best Local Similarity 98.8%; Pred. No. 7,4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```

```

Oy      2 DPDSQPLNSLDVPELKRPRIPMETFRKVGIPILIALSLASIIIVVVLKIVLIDKXYFL 61
Db      4 DPDSQPLNSLDVPELKRPRIPMETFRKVGIPILIALSLASIIIVVVLKIVLIDKXYFL 63
Oy      62 CGOPLHFI PRKQCDGELDPLGDEDEHCVKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 121
Db      64 CGOPLHFI PRKQCDGELDPLGDEDEHCVKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 123
Oy      122 PSACFNDFTEALATACRQWYSSKPTFAVEIGPDOLDVVEITENSQELRMNNSGPC 181
Db      124 PSACFNDFTEALATACRQWYSSKPTFAVEIGPDOLDVVEITENSQELRMNNSGPC 178
Oy      182 LSGSLVSLHCLACGKSLKTPRVVGEERASVDSWPMQVSIQYDKQHVCGSILDPHMLVLA 241
Db      179 LSGSLVSLHCLACGKSLKTPRVVGEERASVDSWPMQVSIQYDKQHVCGSILDPHMLVLA 238
Oy      242 AHCRKHTDVNMKVRAGSDKLSFPSLA VAKIIIEFNPMYPKNDI ALMKLOPPLTFS 301
Db      239 AHCRKHTDVNMKVRAGSDKLSFPSLA VAKIIIEFNPMYPKNDI ALMKLOPPLTFS 298
Oy      302 GTVAPICLPFDEBELTPATPLMIIGWGTQKNGKMSDILLQASVQVYDSTRCNADDAVYQ 361
Db      299 GTVAPICLPFDEBELTPATPLMIIGWGTQKNGKMSDILLQASVQVYDSTRCNADDAVYQ 358
Oy      362 GEVTERKMMCAGIPBGGVDTCQDSSGGLMYOSDOMHVGVISWGYGCGSPSTPGVYTKVS 421
Db      359 GEVTERKMMCAGIPBGGVDTCQDSSGGLMYOSDOMHVGVISWGYGCGSPSTPGVYTKVS 418
Oy      422 AYLMWYVVMKRAEL 435
Db      419 AYLMWYVVMKRAEL 432

RESULT 70
US-09-888-257A-7
; Sequence 7, Application US/0988257A
; GENERAL INFORMATION:
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Polakis, Paul
; APPLICANT: Smith, Victoria
; APPLICANT: Wood, William I.
; APPLICANT: Wu, Thomas D.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; FILE REFERENCE: P5002R1
; CURRENT APPLICATION NUMBER: US/09/888,257A
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/063,540
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: US 60/089,653
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: US 60/099,792
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: US 60/103,678
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: US 60/235,451
; PRIOR FILING DATE: 2000-09-26
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: 1999-06-02
; PRIOR APPLICATION NUMBER: PCT/US99/20111
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: PCT/US00/04342
; PRIOR FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: 2000-03-02
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: PCT/US00/23328

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; PRIOR FILING DATE: 2000-08-24
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: PCT/US01/06666
; PRIOR FILING DATE: 2001-03-01
; NUMBER OF SEQ ID NOS: 10
; SEQ ID NO 7
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-888-257A-7
```

```

Query Match      98.1%; Score 2297.5; DB 28; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;
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```

QY      2 DEDSDQPLNSLDVKKPRKPRIPMETPRKVGIPITIALSLASIIIVVLIKVIILDKYFL 61
         4 DEDSDQPLNSLDVKKPRKPRIPMETPRKVGIPITIALSLASIIIVVLIKVIILDKYFL 63
QY      62 CQOPHFIIRKQICDGEHDCPLGEBDEHCVKSPFPGPAVAVRLSKORSTLQVLDSATGNW 121
         64 CQOPHFIIRKQICDGEHDCPLGEBDEHCVKSPFPGPAVAVRLSKORSTLQVLDSATGNW 123
QY      122 FSACDNFTEALAEATACROMGYSKPTPRAVEIGDDOLDVVEITENSQELRMNRSSPC 181
         124 FSACDNFTEALAEATACROMGYSKPTPRAVEIGDDOLDVVEITENSQELRMNRSSPC 178
QY      124 FSACDNFTEALAEATACROMGYSKPTPRAVEIGDDOLDVVEITENSQELRMNRSSPC 178
         124 FSACDNFTEALAEATACROMGYSKPTPRAVEIGDDOLDVVEITENSQELRMNRSSPC 178
QY      182 LSGSLVSLHCLACGSKLTPRVVGEASVDSMPQVSIQYDKQKVCSSILDPHWVTLA 241
         179 LSGSLVSLHCLACGSKLTPRVVGEASVDSMPQVSIQYDKQKVCSSILDPHWVTLA 238
QY      242 AHCFKHHDVFNWKKRASDCKGSPSLAVAKIIIEENPMYKXNDIALMKLOPPLTFS 301
         239 AHCFKHHDVFNWKKRASDCKGSPSLAVAKIIIEENPMYKXNDIALMKLOPPLTFS 298
QY      302 GTVRDICTPFDEBELTPATPLMIIGMFTKONGKMSIILQASVOYVDTSTRCNADAYQ 361
         299 GTVRDICTPFDEBELTPATPLMIIGMFTKONGKMSIILQASVOYVDTSTRCNADAYQ 358
QY      362 GEVTEKMMKACGIPBEGVDTCQDSCGPIMYOSDQMHVGVISWVGCGSPSTPGVYTKVS 421
         359 GEVTEKMMKACGIPBEGVDTCQDSCGPIMYOSDQMHVGVISWVGCGSPSTPGVYTKVS 418
QY      422 AYLNWYVWKAEL 435
         419 AYLNWYVWKAEL 432
Db
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RESULT 71
US-09-946-374-275
; Sequence 275, Application US/09946374
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Bocstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey J.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
```

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; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C1
; CURRENT APPLICATION NUMBER: US/09/946,374
; PRIOR FILING DATE: 2001-09-04
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
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; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099642
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; PRIOR FILING DATE: 1998-09-10
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; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099792
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099808
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099812
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099815
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099816
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/100385
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100388
; PRIOR FILING DATE: 1998-09-15
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; PRIOR FILING DATE: 1998-09-15
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; PRIOR FILING DATE: 1998-09-16
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; PRIOR FILING DATE: 1998-09-16
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; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100662
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100664
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100683
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100684
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100710
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100711
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100848
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PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/100849
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/100919
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100930
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PRIOR FILING DATE: 1998-09-30
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PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102684
PRIOR FILING DATE: 1998-10-01
PRIOR APPLICATION NUMBER: 60/102687
PRIOR FILING DATE: 1998-10-01
PRIOR APPLICATION NUMBER: 60/102965
PRIOR FILING DATE: 1998-10-02
PRIOR APPLICATION NUMBER: 60/103258
PRIOR FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: 60/103314
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103315
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103328
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103395
PRIOR FILING DATE: 1998-10-07

PRIOR APPLICATION NUMBER: 60/103396
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103401
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103449
PRIOR FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: 60/103633
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PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105000
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105002
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105104
PRIOR FILING DATE: 1998-10-21
PRIOR APPLICATION NUMBER: 60/105169
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105266
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105693
PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105694
PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105807
PRIOR FILING DATE: 1998-10-27

Query Match 98.1%; Score 2297.5; DB 29; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSDDPLNSLDVPRKRPRIKMETPRKVGIPITIIIALISLIIIVVVLKVIIDKXYFL 61
DB 4 DPDSDDPLNSLDVPRKRPRIKMETPRKVGIPITIIIALISLIIIVVVLKVIIDKXYFL 63
QY 62 CGOPLHPIPRKQOLDGELDCPLGDEDEECVSPFEGPAVAARLSKDRSTLOVLSATGNW 121
DB 64 CGOPLHPIPRKQOLDGELDCPLGDEDEECVSPFEGPAVAARLSKDRSTLOVLSATGNW 123
QY 122 FSACFDNFTBALAETACRQMGYSKPTFRAVEIGPDODLDVVEITENSQELMRNSSGPC 181
DB 124 FSACFDNFTBALAETACRQMGYSKPTFRAVEIGPDODLDVVEITENSQELMRNSSGPC 178
QY 182 LSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPMQVSIQYDKQHVCCGSLIDPMTVITA 241
DB 179 LSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPMQVSIQYDKQHVCCGSLIDPMTVITA 238
QY 242 AHCRKHTDVNMKVRASDGLSGFSPSLAVAKIIIEENPMVPRKNDIATLMLKLOPLFS 301
DB 239 AHCRKHTDVNMKVRASDGLSGFSPSLAVAKIIIEENPMVPRKNDIATLMLKLOPLFS 298
QY 302 GTVRPICLPFDEBELTPATPLMITIGMGFTKONGKMSDILLQASQVVIDSTRCANADAYO 361
DB 299 GTVRPICLPFDEBELTPATPLMITIGMGFTKONGKMSDILLQASQVVIDSTRCANADAYO 358
QY 362 GEVTEKMMKAGIPREGGVDTCCGDSGGPIMYOSDOMHTVIGVSKGCGGSPSTPGYTTYS 421
DB 359 GEVTEKMMKAGIPREGGVDTCCGDSGGPIMYOSDOMHTVIGVSKGCGGSPSTPGYTTYS 418
QY 422 AYLMWIVYVWKAEL 435
DB 419 AYLMWIVYVWKAEL 432

RESULT 72

```

US-10-006-063A-275
; Sequence 275, Application US/10006063A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Bostein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan 1.
; APPLICANT: Ferrera, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC3
; CURRENT APPLICATION NUMBER: US/10/006,063A
; PRIOR FILING DATE: 2002-03-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-006-063A-275

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7,4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLVKPKRKRIEMETPRKGIITIIALSLASIIIVVLLIKVILDKYFL 61
DB 4 DPDSQPLNSLVKPKRKRIEMETPRKGIITIIALSLASIIIVVLLIKVILDKYFL 63
QY 62 CGQPLHPIPRKQICDGEIDCEPLGDEDEHCYKSPFPGPAVAVRLSKDSTLQVLSAGNW 121
DB 64 CGQPLHPIPRKQICDGEIDCEPLGDEDEHCYKSPFPGPAVAVRLSKDSTLQVLSAGNW 123
QY 122 PSACDNFTEALAEFAKQCMQYSSKPTTRAVEIGDQDLVVEITENSQELFMNSGSPC 181
DB 124 PSACDNFTEALAEFAKQCMQYSSKPTTRAVEIGDQDLVVEITENSQELFMNSGSPC 178
QY 182 LSGSLVSLHCLACGKSLKTPRVGGEASVDSWPMQVSIQYDKQVCGSSILDPHWLTA 241
DB 179 LSGSLVSLHCLACGKSLKTPRVGGEASVDSWPMQVSIQYDKQVCGSSILDPHWLTA 238
QY 242 AHCRKHTDVNMKVRAGSDKLSGSPSLIAVAKIIIEFNPMYPRKNDIALMKLOPLTFS 301
DB 239 AHCRKHTDVNMKVRAGSDKLSGSPSLIAVAKIIIEFNPMYPRKNDIALMKLOPLTFS 298
QY 302 GTVPICLPFDEELTPATPLMIIGMGPTKONGKMSDILLQASVOYIDSTRCNADAYQ 361
DB 299 GTVPICLPFDEELTPATPLMIIGMGPTKONGKMSDILLQASVOYIDSTRCNADAYQ 358
QY 362 GEVTERMMKAGIPBEGVDTCCGDSGGPLMTQSDQMHVGVIVSGYGGGSPSTGVVYTXS 421
DB 359 GEVTERMMKAGIPBEGVDTCCGDSGGPLMTQSDQMHVGVIVSGYGGGSPSTGVVYTXS 418
QY 422 AYLMWYNWKAEL 435
DB 419 AYLMWYNWKAEL 432

```

```

; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan 1.
; APPLICANT: Ferrera, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC3
; CURRENT APPLICATION NUMBER: US/10/006,116A
; PRIOR FILING DATE: 2001-12-16
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099602
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099642
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099741
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099754
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099763
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099792
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099808
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099812
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099815
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099816
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/100385
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100388
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100390
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100584
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100627
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100651
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100662
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100664
; PRIOR FILING DATE: 1998-09-16

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```

RESULT 73
US-10-006-116A-275
; Sequence 275, Application US/10006116A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Bostein, David

```


PRIOR APPLICATION NUMBER: 60/100683
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100684
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100710
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100711
PRIOR FILING DATE: 1998-09-17
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PRIOR FILING DATE: 1998-09-18
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PRIOR FILING DATE: 1998-10-02
PRIOR APPLICATION NUMBER: 60/103258

PRIOR FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: 60/103314
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103315
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103328
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PRIOR FILING DATE: 1998-10-07
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PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105000
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105002
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105104
PRIOR FILING DATE: 1998-10-21
PRIOR APPLICATION NUMBER: 60/105169
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105266
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PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105882
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/106023
PRIOR FILING DATE: 1998-10-28
PRIOR APPLICATION NUMBER: 60/106029

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216; Indels 5; Gaps 1;
Matches 429; Conservative 0; Mismatches 0;

QY 2 DPDSQPLNSUDVRLKRLKRPIMETFRVKGPIIITLISLIIIVWLIXLYLKYR 61
DB 4 DPDSQPLNSUDVRLKRLKRPIMETFRVKGPIIITLISLIIIVWLIXLYLKYR 63
QY 62 CGOPLHFTPKROKCDGEIDCPJGDEDEHCVKSPFPGPAVAVALSKDRSTLYQLDSATGNW 121
DB 64 CGOPLHFTPKROKCDGEIDCPJGDEDEHCVKSPFPGPAVAVALSKDRSTLYQLDSATGNW 123
QY 122 PSACPDNFTALAEATACRQMGYSKPTTFAVEIGPDODLDVVEITENSGELMRNMSGC 181
DB 124 PSACPDNFTALAEATACRQMGYSKPTTFAVEIGPDODLDVVEITENSGELMRNMSGC 178
QY 182 LSGSLVSLHCLACGSLKTPRVVGGERSVSWPQVSIQVOKXOVCGSLIDPMVLT 241
DB 179 LSGSLVSLHCLACGSLKTPRVVGGERSVSWPQVSIQVOKXOVCGSLIDPMVLT 238
QY 242 AHCFKHTDVFNMKRRAGSDKLGSFPLAVAKIIITFEPMYKONDIALMQLQPLTFS 301

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Db      239 AHCFKRTDVENKVRAGSDKLGSPSLAVAKIIIEFNPMYPRKNDIALMKLOPILTS 298
QY      302 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 361
      299 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 358
QY      362 GEVTERKMCAGIPBEGVDTCGDSGGLMYQSDQMHVGVISWGYCGGSPSTGVYTKVS 421
      359 GEVTERKMCAGIPBEGVDTCGDSGGLMYQSDQMHVGVISWGYCGGSPSTGVYTKVS 418
Db      422 AYLMWYVWKAEL 435
      419 AYLMWYVWKAEL 432

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RESULT 74

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US-10-006-117A-275
; Sequence 275, Application US/10006117A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C13
; CURRENT APPLICATION NUMBER: US/10/006,117A
; PRIOR FILING DATE: 2002-03-19
; PRIOR APPLICATION removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-006-117A-275

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Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```

QY      2 DDDSDQPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVLKVLIDKXYFL 61
      4 DDDSDQPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVLKVLIDKXYFL 63
Db      62 CGOPLHFIPIRQOLCDGELDCPLGDEDEHCVKSPFEGAVAVRLSKRSTLQVLDASATGM 121
      64 CGOPLHFIPIRQOLCDGELDCPLGDEDEHCVKSPFEGAVAVRLSKRSTLQVLDASATGM 123
QY      122 FSAFDFNFTALATACRQMGYSKPTFAVEIGPDODLVEITENSQELRMRNSSGPC 181
      124 FSAFDFNFTALATACRQMGYSKPTFAVEIGPDODLVEITENSQELRMRNSSGPC 178
Db      182 LSGSLVSLHCLACGSKLTPRVVGGEBASVDSWPQVSIQYDKQHVCGGSIIDPHVVLTA 241
      179 LSGSLVSLHCLACGSKLTPRVVGGEBASVDSWPQVSIQYDKQHVCGGSIIDPHVVLTA 238
QY      242 AHCFKRTDVENKVRAGSDKLGSPSLAVAKIIIEFNPMYPRKNDIALMKLOPILTS 301
      239 AHCFKRTDVENKVRAGSDKLGSPSLAVAKIIIEFNPMYPRKNDIALMKLOPILTS 298
QY      302 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 361
      299 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 358

```

```

Db      299 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 358
QY      362 GEVTERKMCAGIPBEGVDTCGDSGGLMYQSDQMHVGVISWGYCGGSPSTGVYTKVS 421
      359 GEVTERKMCAGIPBEGVDTCGDSGGLMYQSDQMHVGVISWGYCGGSPSTGVYTKVS 418
QY      422 AYLMWYVWKAEL 435
      419 AYLMWYVWKAEL 432

```

RESULT 75

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US-10-006-130A-275
; Sequence 275, Application US/10006130A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C17
; CURRENT APPLICATION NUMBER: US/10/006,130A
; PRIOR FILING DATE: 2002-03-19
; PRIOR APPLICATION removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-006-130A-275

```

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```

QY      2 DDDSDQPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVLKVLIDKXYFL 61
      4 DDDSDQPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVLKVLIDKXYFL 63
Db      62 CGOPLHFIPIRQOLCDGELDCPLGDEDEHCVKSPFEGAVAVRLSKRSTLQVLDASATGM 121
      64 CGOPLHFIPIRQOLCDGELDCPLGDEDEHCVKSPFEGAVAVRLSKRSTLQVLDASATGM 123
QY      122 FSAFDFNFTALATACRQMGYSKPTFAVEIGPDODLVEITENSQELRMRNSSGPC 181
      124 FSAFDFNFTALATACRQMGYSKPTFAVEIGPDODLVEITENSQELRMRNSSGPC 178
Db      182 LSGSLVSLHCLACGSKLTPRVVGGEBASVDSWPQVSIQYDKQHVCGGSIIDPHVVLTA 241
      179 LSGSLVSLHCLACGSKLTPRVVGGEBASVDSWPQVSIQYDKQHVCGGSIIDPHVVLTA 238
QY      242 AHCFKRTDVENKVRAGSDKLGSPSLAVAKIIIEFNPMYPRKNDIALMKLOPILTS 301
      239 AHCFKRTDVENKVRAGSDKLGSPSLAVAKIIIEFNPMYPRKNDIALMKLOPILTS 298
QY      302 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 361
      299 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 358
QY      362 GEVTERKMCAGIPBEGVDTCGDSGGLMYQSDQMHVGVISWGYCGGSPSTGVYTKVS 421
      359 GEVTERKMCAGIPBEGVDTCGDSGGLMYQSDQMHVGVISWGYCGGSPSTGVYTKVS 418

```

Oy 422 AYLMWYVWKAEL 435
Db 419 AYLMWYVWKAEL 432

RESULT 76

US-10-006-172A-275

Sequence 275, Application US/10006172A

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David

APPLICANT: Deenoyers, Luc

APPLICANT: Batton, Dan I.

APPLICANT: Ferrara, Napoleone

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Pan, James

APPLICANT: Paoli, Nicholas F.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2830PIC11

CURRENT FILING DATE: 2002-03-19

PRIOR APPLICATION NUMBER: US/10/006,172A

PRIOR FILING DATE: 1998-09-01

PRIOR APPLICATION NUMBER: 60/098716

PRIOR FILING DATE: 1998-09-01

PRIOR APPLICATION NUMBER: 60/098723

PRIOR FILING DATE: 1998-09-01

PRIOR APPLICATION NUMBER: 60/098749

PRIOR FILING DATE: 1998-09-01

PRIOR APPLICATION NUMBER: 60/098750

PRIOR FILING DATE: 1998-09-01

PRIOR APPLICATION NUMBER: 60/098803

PRIOR FILING DATE: 1998-09-02

PRIOR APPLICATION NUMBER: 60/098821

PRIOR FILING DATE: 1998-09-02

PRIOR APPLICATION NUMBER: 60/098843

PRIOR FILING DATE: 1998-09-02

PRIOR APPLICATION NUMBER: 60/099536

PRIOR FILING DATE: 1998-09-09

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PRIOR FILING DATE: 1998-09-10

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PRIOR FILING DATE: 1998-09-15

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PRIOR APPLICATION NUMBER: 60/100388

PRIOR FILING DATE: 1998-09-15

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PRIOR FILING DATE: 1998-09-15

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PRIOR FILING DATE: 1998-09-16

PRIOR APPLICATION NUMBER: 60/100627

PRIOR FILING DATE: 1998-09-16

PRIOR APPLICATION NUMBER: 60/100661

PRIOR FILING DATE: 1998-09-16

PRIOR APPLICATION NUMBER: 60/100662

PRIOR FILING DATE: 1998-09-16

PRIOR APPLICATION NUMBER: 60/100664

PRIOR FILING DATE: 1998-09-16

PRIOR APPLICATION NUMBER: 60/100683

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PRIOR APPLICATION NUMBER: 60/100711

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PRIOR APPLICATION NUMBER: 60/101071

PRIOR FILING DATE: 1998-09-18

PRIOR APPLICATION NUMBER: 60/101279

PRIOR FILING DATE: 1998-09-22

PRIOR APPLICATION NUMBER: 60/101471

PRIOR FILING DATE: 1998-09-23

PRIOR APPLICATION NUMBER: 60/101472

PRIOR FILING DATE: 1998-09-23

PRIOR APPLICATION NUMBER: 60/101474

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PRIOR APPLICATION NUMBER: 60/101475

PRIOR FILING DATE: 1998-09-23

PRIOR APPLICATION NUMBER: 60/101476

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PRIOR FILING DATE: 1998-09-23

PRIOR APPLICATION NUMBER: 60/101479

PRIOR FILING DATE: 1998-09-23

PRIOR APPLICATION NUMBER: 60/101738

PRIOR FILING DATE: 1998-09-24

PRIOR APPLICATION NUMBER: 60/101741

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PRIOR APPLICATION NUMBER: 60/101743

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PRIOR APPLICATION NUMBER: 60/101915

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PRIOR APPLICATION NUMBER: 60/102207

PRIOR FILING DATE: 1998-09-29

PRIOR APPLICATION NUMBER: 60/102240

PRIOR FILING DATE: 1998-09-29

PRIOR APPLICATION NUMBER: 60/102307

PRIOR FILING DATE: 1998-09-29

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PRIOR APPLICATION NUMBER: 60/102331

PRIOR FILING DATE: 1998-09-29

PRIOR APPLICATION NUMBER: 60/102484

PRIOR FILING DATE: 1998-09-30

PRIOR APPLICATION NUMBER: 60/102487

PRIOR FILING DATE: 1998-09-30

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PRIOR FILING DATE: 1998-09-30

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/ PRIOR FILING DATE: 1998-09-30
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 / PRIOR FILING DATE: 1998-09-30
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 / PRIOR FILING DATE: 1998-09-30
 / PRIOR APPLICATION NUMBER: 60/102684
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 / PRIOR FILING DATE: 1998-10-01
 / PRIOR APPLICATION NUMBER: 60/102965
 / PRIOR FILING DATE: 1998-10-02
 / PRIOR APPLICATION NUMBER: 60/103258
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 / PRIOR FILING DATE: 1998-10-07
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 / PRIOR FILING DATE: 1998-10-20
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 / PRIOR FILING DATE: 1998-10-21
 / PRIOR APPLICATION NUMBER: 60/105169
 / PRIOR FILING DATE: 1998-10-22
 / PRIOR APPLICATION NUMBER: 60/105266
 / PRIOR FILING DATE: 1998-10-22
 / PRIOR APPLICATION NUMBER: 60/105693
 / PRIOR FILING DATE: 1998-10-26
 / PRIOR APPLICATION NUMBER: 60/105694
 / PRIOR FILING DATE: 1998-10-26
 / PRIOR APPLICATION NUMBER: 60/105807
 / PRIOR FILING DATE: 1998-10-27
 / PRIOR APPLICATION NUMBER: 60/105881
 / PRIOR FILING DATE: 1998-10-27
 / PRIOR APPLICATION NUMBER: 60/105882
 / PRIOR FILING DATE: 1998-10-27
 / PRIOR APPLICATION NUMBER: 60/106023
 / PRIOR FILING DATE: 1998-10-28
 / PRIOR APPLICATION NUMBER: 60/106029

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQDPLNSLDVYKPLKPRIPMETPRKVGIPITIALSLASTIIVWLTKYLDKYYTL 61
 DB 4 DPDSQDPLNSLDVYKPLKPRIPMETPRKVGIPITIALSLASTIIVWLTKYLDKYYTL 63
 QY 62 CGQPLHFIPIKQICGGLDCEPLGDEDEHCVKSPFEGPAVAVRLSKRSTLQVLDSATGNW 121

DB 64 CGQPLHFIPIKQICGGLDCEPLGDEDEHCVKSPFEGPAVAVRLSKRSTLQVLDSATGNW 123
 QY 122 PSACEPDNTTEALAEIACCKOMYSKPTFRRAVEIGPDODLVEITENSQELRMRNSSGPC 181
 DB 124 PSACEPDNTTEALAEIACCKOMYSKPTFRRAVEIGPDODLVEITENSQELRMRNSSGPC 178
 QY 182 LSGSLVSLHCLACKSKLTPRVVGGEEASVDSWPMQVSIQYDKQHVCGGSIIDPHWVLA 241
 DB 179 LSGSLVSLHCLACKSKLTPRVVGGEEASVDSWPMQVSIQYDKQHVCGGSIIDPHWVLA 238
 QY 242 AHCRKRTDVNNKVRASGSDLSFSLAVAKIIEFNPMYRKNDIALMKLQPLTTS 301
 DB 239 AHCRKRTDVNNKVRASGSDLSFSLAVAKIIEFNPMYRKNDIALMKLQPLTTS 298
 QY 302 GTVAPICLPFDEELTPATPLMTIIGMGFTKONGKMSDIILOASVYITSTRCNADAYQ 361
 DB 299 GTVAPICLPFDEELTPATPLMTIIGMGFTKONGKMSDIILOASVYITSTRCNADAYQ 358
 QY 362 GEYTERKMCAGIPEGGVDTQCGSDGGLMYQSDQMHVGVISWYXCGGSPITPGVYTKVS 421
 DB 359 GEYTERKMCAGIPEGGVDTQCGSDGGLMYQSDQMHVGVISWYXCGGSPITPGVYTKVS 418
 QY 422 AYLNWIVYWKAEI 435
 DB 419 AYLNWIVYWKAEI 432

RESULT 77
 US-10-006-485A-275
 / Sequence 275, Application US/10006485A
 / GENERAL INFORMATION:
 / APPLICANT: Baker, Kevin P.
 / APPLICANT: Botstein, David
 / APPLICANT: Desnoyers, Luc
 / APPLICANT: Batton, Dan L.
 / APPLICANT: Ferrara, Napoleone
 / APPLICANT: Fong, Sherman
 / APPLICANT: Gao, Wei-Qiang
 / APPLICANT: Goddard, Audrey
 / APPLICANT: Godowski, Paul J.
 / APPLICANT: Grimaldi, Christopher J.
 / APPLICANT: Gurney, Austin L.
 / APPLICANT: Hillan, Kenneth J.
 / APPLICANT: Pan, James
 / APPLICANT: Paoni, Nicholas F.
 / TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 / FILE REFERENCE: P2830PIC9
 / CURRENT APPLICATION NUMBER: US/10/006,485A
 / PRIOR FILING DATE: 2001-12-06
 / PRIOR APPLICATION NUMBER: 60/098716
 / PRIOR FILING DATE: 1998-09-01
 / PRIOR APPLICATION NUMBER: 60/098723
 / PRIOR FILING DATE: 1998-09-01
 / PRIOR APPLICATION NUMBER: 60/098749
 / PRIOR FILING DATE: 1998-09-01
 / PRIOR APPLICATION NUMBER: 60/098750
 / PRIOR FILING DATE: 1998-09-01
 / PRIOR APPLICATION NUMBER: 60/098803
 / PRIOR FILING DATE: 1998-09-02
 / PRIOR APPLICATION NUMBER: 60/098821
 / PRIOR FILING DATE: 1998-09-02
 / PRIOR APPLICATION NUMBER: 60/098843
 / PRIOR FILING DATE: 1998-09-02
 / PRIOR APPLICATION NUMBER: 60/099536
 / PRIOR FILING DATE: 1998-09-09
 / PRIOR APPLICATION NUMBER: 60/099596
 / PRIOR FILING DATE: 1998-09-09
 / PRIOR APPLICATION NUMBER: 60/099598
 / PRIOR FILING DATE: 1998-09-09
 / PRIOR APPLICATION NUMBER: 60/099602
 / PRIOR FILING DATE: 1998-09-09
 / PRIOR APPLICATION NUMBER: 60/099642

1	PRIOR APPLICATION NUMBER: 60/101741
2	PRIOR FILING DATE: 1998-09-24
3	PRIOR APPLICATION NUMBER: 60/101743
4	PRIOR FILING DATE: 1998-09-24
5	PRIOR APPLICATION NUMBER: 60/101915
6	PRIOR FILING DATE: 1998-09-24
7	PRIOR APPLICATION NUMBER: 60/101916
8	PRIOR FILING DATE: 1998-09-24
9	PRIOR APPLICATION NUMBER: 60/102207
10	PRIOR FILING DATE: 1998-09-29
11	PRIOR APPLICATION NUMBER: 60/102240
12	PRIOR FILING DATE: 1998-09-29
13	PRIOR APPLICATION NUMBER: 60/102307
14	PRIOR FILING DATE: 1998-09-29
15	PRIOR APPLICATION NUMBER: 60/102330
16	PRIOR FILING DATE: 1998-09-29
17	PRIOR APPLICATION NUMBER: 60/102331
18	PRIOR FILING DATE: 1998-09-29
19	PRIOR APPLICATION NUMBER: 60/102484
20	PRIOR FILING DATE: 1998-09-30
21	PRIOR APPLICATION NUMBER: 60/102487
22	PRIOR FILING DATE: 1998-09-30
23	PRIOR APPLICATION NUMBER: 60/102570
24	PRIOR FILING DATE: 1998-09-30
25	PRIOR APPLICATION NUMBER: 60/102571
26	PRIOR FILING DATE: 1998-09-30
27	PRIOR APPLICATION NUMBER: 60/102654
28	PRIOR FILING DATE: 1998-10-01
29	PRIOR APPLICATION NUMBER: 60/102687
30	PRIOR FILING DATE: 1998-10-01
31	PRIOR APPLICATION NUMBER: 60/102965
32	PRIOR FILING DATE: 1998-10-02
33	PRIOR APPLICATION NUMBER: 60/103258
34	PRIOR FILING DATE: 1998-10-06
35	PRIOR APPLICATION NUMBER: 60/103314
36	PRIOR FILING DATE: 1998-10-07
37	PRIOR APPLICATION NUMBER: 60/103315
38	PRIOR FILING DATE: 1998-10-07
39	PRIOR APPLICATION NUMBER: 60/103328
40	PRIOR FILING DATE: 1998-10-07
41	PRIOR APPLICATION NUMBER: 60/103395
42	PRIOR FILING DATE: 1998-10-07
43	PRIOR APPLICATION NUMBER: 60/103396
44	PRIOR FILING DATE: 1998-10-07
45	PRIOR APPLICATION NUMBER: 60/103401
46	PRIOR FILING DATE: 1998-10-07
47	PRIOR APPLICATION NUMBER: 60/103449
48	PRIOR FILING DATE: 1998-10-06
49	PRIOR APPLICATION NUMBER: 60/103633
50	PRIOR FILING DATE: 1998-10-08
51	PRIOR APPLICATION NUMBER: 60/103678
52	PRIOR FILING DATE: 1998-10-08
53	PRIOR APPLICATION NUMBER: 60/103679
54	PRIOR FILING DATE: 1998-10-08
55	PRIOR APPLICATION NUMBER: 60/104257
56	PRIOR FILING DATE: 1998-10-08
57	PRIOR APPLICATION NUMBER: 60/104257
58	PRIOR FILING DATE: 1998-10-14
59	PRIOR APPLICATION NUMBER: 60/104987
60	PRIOR FILING DATE: 1998-10-20
61	PRIOR APPLICATION NUMBER: 60/105000
62	PRIOR FILING DATE: 1998-10-20
63	PRIOR APPLICATION NUMBER: 60/105002
64	PRIOR FILING DATE: 1998-10-20
65	PRIOR APPLICATION NUMBER: 60/105104
66	PRIOR FILING DATE: 1998-10-21
67	PRIOR APPLICATION NUMBER: 60/105165
68	PRIOR FILING DATE: 1998-10-22
69	PRIOR APPLICATION NUMBER: 60/105266
70	PRIOR FILING DATE: 1998-10-22
71	PRIOR APPLICATION NUMBER: 60/105693
72	PRIOR FILING DATE: 1998-10-26
73	PRIOR APPLICATION NUMBER: 60/105694

RESULT 78
 US-10-006-746A-275
 Sequence 275, Application US/10006746A
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desmoyers, Luc
 APPLICANT: Eaton, Dan I.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Goddard, Audrey
 APPLICANT: Grimaldi, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gutney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ACID SEQUENCE: Polypeptides and Nucleic Acids Encoding the Same
 FILE REFERENCE: P2830P1C5
 CURRENT FILING DATE: 2001-12-06
 PRIOR APPLICATION NUMBER: US/10/006,746A
 PRIOR FILING DATE: 1998-09-01

1	PRIOR APPLICATION NUMBER: 60/09872
2	PRIOR FILING DATE: 1998-09-01
3	PRIOR APPLICATION NUMBER: 60/09874
4	PRIOR FILING DATE: 1998-09-01
5	PRIOR APPLICATION NUMBER: 60/09875
6	PRIOR FILING DATE: 1998-09-01
7	PRIOR APPLICATION NUMBER: 60/09880
8	PRIOR FILING DATE: 1998-09-02
9	PRIOR APPLICATION NUMBER: 60/09882
10	PRIOR FILING DATE: 1998-09-02
11	PRIOR APPLICATION NUMBER: 60/09883
12	PRIOR FILING DATE: 1998-09-02
13	PRIOR APPLICATION NUMBER: 60/09953
14	PRIOR FILING DATE: 1998-09-09
15	PRIOR APPLICATION NUMBER: 60/09954
16	PRIOR FILING DATE: 1998-09-09
17	PRIOR APPLICATION NUMBER: 60/09956
18	PRIOR FILING DATE: 1998-09-09
19	PRIOR APPLICATION NUMBER: 60/09971
20	PRIOR FILING DATE: 1998-09-10
21	PRIOR APPLICATION NUMBER: 60/09975
22	PRIOR FILING DATE: 1998-09-10
23	PRIOR APPLICATION NUMBER: 60/09976
24	PRIOR FILING DATE: 1998-09-10
25	PRIOR APPLICATION NUMBER: 60/09979
26	PRIOR FILING DATE: 1998-09-10
27	PRIOR APPLICATION NUMBER: 60/09980
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29	PRIOR APPLICATION NUMBER: 60/09981
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32	PRIOR FILING DATE: 1998-09-10
33	PRIOR APPLICATION NUMBER: 60/09983
34	PRIOR FILING DATE: 1998-09-10
35	PRIOR APPLICATION NUMBER: 60/09984
36	PRIOR FILING DATE: 1998-09-10
37	PRIOR APPLICATION NUMBER: 60/09985
38	PRIOR FILING DATE: 1998-09-10
39	PRIOR APPLICATION NUMBER: 60/09986
40	PRIOR FILING DATE: 1998-09-10
41	PRIOR APPLICATION NUMBER: 60/09987
42	PRIOR FILING DATE: 1998-09-10
43	PRIOR APPLICATION NUMBER: 60/09988
44	PRIOR FILING DATE: 1998-09-10
45	PRIOR APPLICATION NUMBER: 60/09989
46	PRIOR FILING DATE: 1998-09-10
47	PRIOR APPLICATION NUMBER: 60/09990
48	PRIOR FILING DATE: 1998-09-10
49	PRIOR APPLICATION NUMBER: 60/09991
50	PRIOR FILING DATE: 1998-09-10
51	PRIOR APPLICATION NUMBER: 60/09992
52	PRIOR FILING DATE: 1998-09-10
53	PRIOR APPLICATION NUMBER: 60/09993
54	PRIOR FILING DATE: 1998-09-10
55	PRIOR APPLICATION NUMBER: 60/09994
56	PRIOR FILING DATE: 1998-09-10
57	PRIOR APPLICATION NUMBER: 60/09995
58	PRIOR FILING DATE: 1998-09-10
59	PRIOR APPLICATION NUMBER: 60/09996
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61	PRIOR APPLICATION NUMBER: 60/09997
62	PRIOR FILING DATE: 1998-09-10
63	PRIOR APPLICATION NUMBER: 60/09998
64	PRIOR FILING DATE: 1998-09-10
65	PRIOR APPLICATION NUMBER: 60/09999
66	PRIOR FILING DATE: 1998-09-10
67	PRIOR APPLICATION NUMBER: 60/10000
68	PRIOR FILING DATE: 1998-09-10
69	PRIOR APPLICATION NUMBER: 60/10001
70	PRIOR FILING DATE: 1998-09-10
71	PRIOR APPLICATION NUMBER: 60/10002
72	PRIOR FILING DATE: 1998-09-10
73	PRIOR APPLICATION NUMBER: 60/10003
74	PRIOR FILING DATE: 1998-09-10
75	PRIOR APPLICATION NUMBER: 60/10004
76	PRIOR FILING DATE: 1998-09-10
77	PRIOR APPLICATION NUMBER: 60/10005
78	PRIOR FILING DATE: 1998-09-10
79	PRIOR APPLICATION NUMBER: 60/10006
80	PRIOR FILING DATE: 1998-09-10
81	PRIOR APPLICATION NUMBER: 60/10007
82	PRIOR FILING DATE: 1998-09-10
83	PRIOR APPLICATION NUMBER: 60/10008
84	PRIOR FILING DATE: 1998-09-10
85	PRIOR APPLICATION NUMBER: 60/10009
86	PRIOR FILING DATE: 1998-09-10
87	PRIOR APPLICATION NUMBER: 60/10010
88	PRIOR FILING DATE: 1998-09-10
89	PRIOR APPLICATION NUMBER: 60/10011
90	PRIOR FILING DATE: 1998-09-10
91	PRIOR APPLICATION NUMBER: 60/10012
92	PRIOR FILING DATE: 1998-09-10
93	PRIOR APPLICATION NUMBER: 60/10013
94	PRIOR FILING DATE: 1998-09-10
95	PRIOR APPLICATION NUMBER: 60/10014
96	PRIOR FILING DATE: 1998-09-10
97	PRIOR APPLICATION NUMBER: 60/10015
98	PRIOR FILING DATE: 1998-09-10
99	PRIOR APPLICATION NUMBER: 60/10016
100	PRIOR FILING DATE: 1998-09-10

PRIOR FILING DATE: 1998-03-18	PRIOR APPLICATION NUMBER: 60/101071
PRIOR FILING DATE: 1998-03-18	PRIOR APPLICATION NUMBER: 60/101279
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PRIOR FILING DATE: 1998-03-23	PRIOR APPLICATION NUMBER: 60/101472
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PRIOR FILING DATE: 1998-03-23	PRIOR APPLICATION NUMBER: 60/101475
PRIOR FILING DATE: 1998-03-23	PRIOR APPLICATION NUMBER: 60/101476
PRIOR FILING DATE: 1998-03-23	PRIOR APPLICATION NUMBER: 60/101477
PRIOR FILING DATE: 1998-03-23	PRIOR APPLICATION NUMBER: 60/101479
PRIOR FILING DATE: 1998-03-23	PRIOR APPLICATION NUMBER: 60/101487
PRIOR FILING DATE: 1998-03-24	PRIOR APPLICATION NUMBER: 60/101738
PRIOR FILING DATE: 1998-03-24	PRIOR APPLICATION NUMBER: 60/101741
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PRIOR FILING DATE: 1998-03-24	PRIOR APPLICATION NUMBER: 60/101916
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PRIOR FILING DATE: 1998-03-29	PRIOR APPLICATION NUMBER: 60/102330
PRIOR FILING DATE: 1998-03-29	PRIOR APPLICATION NUMBER: 60/102331
PRIOR FILING DATE: 1998-03-30	PRIOR APPLICATION NUMBER: 60/102484
PRIOR FILING DATE: 1998-03-30	PRIOR APPLICATION NUMBER: 60/102487
PRIOR FILING DATE: 1998-03-30	PRIOR APPLICATION NUMBER: 60/102570
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PRIOR FILING DATE: 1998-10-01	PRIOR APPLICATION NUMBER: 60/102687
PRIOR FILING DATE: 1998-10-01	PRIOR APPLICATION NUMBER: 60/102965
PRIOR FILING DATE: 1998-10-02	PRIOR APPLICATION NUMBER: 60/103258
PRIOR FILING DATE: 1998-10-06	PRIOR APPLICATION NUMBER: 60/103314
PRIOR FILING DATE: 1998-10-07	PRIOR APPLICATION NUMBER: 60/103315
PRIOR FILING DATE: 1998-10-07	PRIOR APPLICATION NUMBER: 60/103328
PRIOR FILING DATE: 1998-10-07	PRIOR APPLICATION NUMBER: 60/103359
PRIOR FILING DATE: 1998-10-07	PRIOR APPLICATION NUMBER: 60/103366
PRIOR FILING DATE: 1998-10-07	PRIOR APPLICATION NUMBER: 60/103400
PRIOR FILING DATE: 1998-10-07	PRIOR APPLICATION NUMBER: 60/103449
PRIOR FILING DATE: 1998-10-06	PRIOR APPLICATION NUMBER: 60/103633
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PRIOR FILING DATE: 1998-10-08	PRIOR APPLICATION NUMBER: 60/103679

[illegible]

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; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Baton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C4
; CURRENT APPLICATION NUMBER: US/10/006,818A
; PRIOR FILING DATE: 2001-12-06
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-006-818A-275

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Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

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QY 2 DPDSDDPLNSLDVYKPKRPIPMETFRKVGIPPIIALSLASIIIVVLLIKVILDKYYFL 61
DB 4 DPDSDDPLNSLDVYKPKRPIPMETFRKVGIPPIIALSLASIIIVVLLIKVILDKYYFL 63
QY 62 CGQPLHFIPRKQICDGEIDCPLEGEDEHCYKSPFGPAVAVRLSKDSTLQVLSATGNW 121
DB 64 CGQPLHFIPRKQICDGEIDCPLEGEDEHCYKSPFGPAVAVRLSKDSTLQVLSATGNW 123
QY 122 FSACFPNFTFALAEFAKCRMGYSKPTFRAYEIGPDODLDVVEITENSQELRMNNSGPG 181
DB 124 FSACFPNFTFALAEFAKCRMGYSKPTFRAYEIGPDODLDVVEITENSQELRMNNSGPG 178
QY 182 LSGSLVSLHCLACGSLKTPRVYGGEEASVDSWPMQVSIQYDKQHVCGSILDPHWLTA 241
DB 179 LSGSLVSLHCLACGSLKTPRVYGGEEASVDSWPMQVSIQYDKQHVCGSILDPHWLTA 238
QY 242 AHCFRKHDTVNMKVRASDGLSPSLAVAKIIIFBNPMYRKNDIALMKLQFPLTFS 301
DB 239 AHCFRKHDTVNMKVRASDGLSPSLAVAKIIIFBNPMYRKNDIALMKLQFPLTFS 298
QY 302 GTVRPICLPFDEBELTPTPLMIIGMGFTKONGKMSDILLQASVQYIDSTRCNADDAVQ 361
DB 299 GTVRPICLPFDEBELTPTPLMIIGMGFTKONGKMSDILLQASVQYIDSTRCNADDAVQ 358
QY 362 GEVTEKMKACGIPRGGVDTCCGDSGGPLMYOSDOMHVIGIVSWGCGGSPSTPGVYTKVS 421
DB 359 GEVTEKMKACGIPRGGVDTCCGDSGGPLMYOSDOMHVIGIVSWGCGGSPSTPGVYTKVS 418
QY 422 AYLMWYINWKAEL 435
DB 419 AYLMWYINWKAEL 432

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RESULT 80
US-10-006-856A-275
; Sequence 275, Application US/10006856A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Baton, Dan I.
; APPLICANT: Ferrara, Napoleone

```

```

; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C4
; CURRENT APPLICATION NUMBER: US/10/006,856A
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-006-856A-275

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Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

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QY 2 DPDSDDPLNSLDVYKPKRPIPMETFRKVGIPPIIALSLASIIIVVLLIKVILDKYYFL 61
DB 4 DPDSDDPLNSLDVYKPKRPIPMETFRKVGIPPIIALSLASIIIVVLLIKVILDKYYFL 63
QY 62 CGQPLHFIPRKQICDGEIDCPLEGEDEHCYKSPFGPAVAVRLSKDSTLQVLSATGNW 121
DB 64 CGQPLHFIPRKQICDGEIDCPLEGEDEHCYKSPFGPAVAVRLSKDSTLQVLSATGNW 123
QY 122 FSACFPNFTFALAEFAKCRMGYSKPTFRAYEIGPDODLDVVEITENSQELRMNNSGPG 181
DB 124 FSACFPNFTFALAEFAKCRMGYSKPTFRAYEIGPDODLDVVEITENSQELRMNNSGPG 178
QY 182 LSGSLVSLHCLACGSLKTPRVYGGEEASVDSWPMQVSIQYDKQHVCGSILDPHWLTA 241
DB 179 LSGSLVSLHCLACGSLKTPRVYGGEEASVDSWPMQVSIQYDKQHVCGSILDPHWLTA 238
QY 242 AHCFRKHDTVNMKVRASDGLSPSLAVAKIIIFBNPMYRKNDIALMKLQFPLTFS 301
DB 239 AHCFRKHDTVNMKVRASDGLSPSLAVAKIIIFBNPMYRKNDIALMKLQFPLTFS 298
QY 302 GTVRPICLPFDEBELTPTPLMIIGMGFTKONGKMSDILLQASVQYIDSTRCNADDAVQ 361
DB 299 GTVRPICLPFDEBELTPTPLMIIGMGFTKONGKMSDILLQASVQYIDSTRCNADDAVQ 358
QY 362 GEVTEKMKACGIPRGGVDTCCGDSGGPLMYOSDOMHVIGIVSWGCGGSPSTPGVYTKVS 421
DB 359 GEVTEKMKACGIPRGGVDTCCGDSGGPLMYOSDOMHVIGIVSWGCGGSPSTPGVYTKVS 418
QY 422 AYLMWYINWKAEL 435
DB 419 AYLMWYINWKAEL 432

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RESULT 81
US-10-006-867-112
; Sequence 112, Application US/10006867
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan I.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

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TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3230R1C1
CURRENT FILING DATE: 2001-12-06
PRIOR APPLICATION NUMBER: 60/063435
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/064215
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/087759
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/088021
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088029
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088030
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088734
PRIOR FILING DATE: 1998-06-10
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PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088863
PRIOR FILING DATE: 1998-06-11
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PRIOR FILING DATE: 1998-06-12
PRIOR APPLICATION NUMBER: 60/089514
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089653
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089952
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/090246
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090444
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090688
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090696
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PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: 60/096949
PRIOR FILING DATE: 1998-08-18
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PRIOR FILING DATE: 1998-08-18
PRIOR APPLICATION NUMBER: 60/097954
PRIOR FILING DATE: 1998-08-26
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PRIOR FILING DATE: 1998-08-26
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PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/099741
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099763

PRIOR FILING DATE: 1998-09-10
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PRIOR FILING DATE: 1998-09-10
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PRIOR FILING DATE: 1998-09-17
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PRIOR FILING DATE: 1998-12-30
PRIOR APPLICATION NUMBER: 60/115614
PRIOR FILING DATE: 1999-01-12

/ PRIOR APPLICATION NUMBER: 60/116527
 / PRIOR FILING DATE: 1999-01-20
 / PRIOR APPLICATION NUMBER: 60/116843
 / PRIOR FILING DATE: 1999-01-22
 / PRIOR APPLICATION NUMBER: 60/119285
 / PRIOR FILING DATE: 1999-02-09
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 / PRIOR APPLICATION NUMBER: 60/119549
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 / PRIOR APPLICATION NUMBER: 60/138387
 / PRIOR FILING DATE: 1999-06-09
 / PRIOR APPLICATION NUMBER: 60/144791
 / PRIOR FILING DATE: 1999-07-20
 / PRIOR APPLICATION NUMBER: 60/169495
 / PRIOR FILING DATE: 1999-12-07
 / PRIOR APPLICATION NUMBER: 60/175481
 / PRIOR FILING DATE: 2000-01-11
 / PRIOR APPLICATION NUMBER: 60/191007
 / PRIOR FILING DATE: 2000-03-21
 / PRIOR APPLICATION NUMBER: 60/199397
 / PRIOR FILING DATE: 2000-04-25
 / PRIOR APPLICATION NUMBER: 09/380139
 / PRIOR FILING DATE: 1998-08-25
 / PRIOR APPLICATION NUMBER: 09/11832
 / PRIOR FILING DATE: 1999-05-14
 / PRIOR APPLICATION NUMBER: 09/380137
 / PRIOR FILING DATE: 1999-08-25
 / PRIOR APPLICATION NUMBER: 09/380138
 / PRIOR FILING DATE: 1999-08-25
 / PRIOR APPLICATION NUMBER: 09/380142
 / PRIOR FILING DATE: 1999-08-25
 Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

Db 359 GEVTERKMGACGIPBEGVDTCGDSGGPLMTQSDQMHHVGIWSGCGGPGSTPGVYTKVS 418
 QY 422 AYLNMIYVMKAEI 435
 Db 419 AYLNMIYVMKAEI 432
 RESULT 82
 US-10-007-194A-275
 / Sequence 275, Application US/10007194A
 / GENERAL INFORMATION:
 / APPLICANT: Baker, Kevin P.
 / APPLICANT: Botstein, David
 / APPLICANT: Desnoyers, Luc
 / APPLICANT: Eaton, Dan J.
 / APPLICANT: Ferrara, Napoleone
 / APPLICANT: Fong, Sherman
 / APPLICANT: Gao, Wei-Qiang
 / APPLICANT: Goddard, Audrey
 / APPLICANT: Godowski, Paul J.
 / APPLICANT: Grimaldi, Christopher J.
 / APPLICANT: Gurney, Austin U.
 / APPLICANT: Hillan, Kenneth J.
 / APPLICANT: Pan, James
 / APPLICANT: Paoni, Nicholas F.
 / TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 / FILE REFERENCE: P2830PIC6
 / CURRENT APPLICATION NUMBER: US/10/007,194A
 / PRIOR FILING DATE: 2002-06-25
 / PRIOR APPLICATION NUMBER: 60/098716
 / PRIOR FILING DATE: 1998-09-01
 / PRIOR APPLICATION NUMBER: 60/098723
 / PRIOR FILING DATE: 1998-09-01
 / PRIOR APPLICATION NUMBER: 60/098749
 / PRIOR FILING DATE: 1998-09-01
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 / PRIOR FILING DATE: 1998-09-01
 / PRIOR APPLICATION NUMBER: 60/098803
 / PRIOR FILING DATE: 1998-09-02
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 / PRIOR FILING DATE: 1998-09-02
 / PRIOR APPLICATION NUMBER: 60/098843
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 / PRIOR FILING DATE: 1998-09-09
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 / PRIOR FILING DATE: 1998-09-10
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 / PRIOR FILING DATE: 1998-09-10
 / PRIOR APPLICATION NUMBER: 60/099763
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 / PRIOR FILING DATE: 1998-09-10
 / PRIOR APPLICATION NUMBER: 60/100385
 / PRIOR FILING DATE: 1998-09-15
 / PRIOR APPLICATION NUMBER: 60/100388


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Db 64 CGQPLHPIPRKQJLDCGELDCPLGDEBEHCASFPBGPVAVARLSKDSSTIQVLDASAGNW 123
Qy 122 FSACDNTEALAEATACQKMGYSKPTFRAYEIGPDODLVEITENSQELRMRNSSGPC 181
Db 124 FSACDNTEALAEATACQKMGYS-----RAVEIGPDODLVEITENSQELRMRNSSGPC 178
Qy 182 LSGSLVSIHCLACCKSLKTPRVVCGEASVDSWFMQVSIQYDKQHVCGGSIIDPHWVLTZ 241
Db 179 LSGSLVSIHCLACCKSLKTPRVVCGEASVDSWFMQVSIQYDKQHVCGGSIIDPHWVLTZ 238
Qy 242 AHCRKHTDVFNWVKRAGSDKLSFPSLAIAKIIIEFNMPYKNDIALMKLOFPLTFS 301
Db 239 AHCRKHTDVFNWVKRAGSDKLSFPSLAIAKIIIEFNMPYKNDIALMKLOFPLTFS 298
Qy 302 GTVAPICLPFDEBELTATPLMIIGMGFTKONGKMSDILLQASVQVIDSTRCNADAYQ 361
Db 299 GTVAPICLPFDEBELTATPLMIIGMGFTKONGKMSDILLQASVQVIDSTRCNADAYQ 358
Qy 362 GEYTERKMCAGIPBGGVDTQCGDSGGPLMYQSDQMHWGIVSGVCGGSPSTPGVYTKVS 421
Db 359 GEYTERKMCAGIPBGGVDTQCGDSGGPLMYQSDQMHWGIVSGVCGGSPSTPGVYTKVS 418
Qy 422 AYINWIIYNWKAEI 435
Db 419 AYINWIIYNWKAEI 432
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RESULT 83
US-10-007-236A-275
/ Sequence 275, Application US/10007236A
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Baton, Dan I.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas P.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2830PIC12
/ CURRENT APPLICATION NUMBER: US/10/007,236A
/ PRIOR FILING DATE: 2002-06-25
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 275
/ LENGTH: 432
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-007-236A-275
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Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7,4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;
Qy 2 DPDSQDPLNSLDVPELRKPRIPMETPRKVGPIPIIALSLASIIIVVTLKYLTKYTL 61
Db 4 DPDSQDPLNSLDVPELRKPRIPMETPRKVGPIPIIALSLASIIIVVTLKYLTKYTL 63
Qy 62 CGQPLHPIPRKQJLDCGELDCPLGDEBEHCASFPBGPVAVARLSKDSSTIQVLDASAGNW 121
Db 64 CGQPLHPIPRKQJLDCGELDCPLGDEBEHCASFPBGPVAVARLSKDSSTIQVLDASAGNW 123
Qy 122 FSACDNTEALAEATACQKMGYSKPTFRAYEIGPDODLVEITENSQELRMRNSSGPC 181
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Db 124 FSACDNTEALAEATACQKMGYS-----RAVEIGPDODLVEITENSQELRMRNSSGPC 178
Qy 182 LSGSLVSIHCLACCKSLKTPRVVCGEASVDSWFMQVSIQYDKQHVCGGSIIDPHWVLTZ 241
Db 179 LSGSLVSIHCLACCKSLKTPRVVCGEASVDSWFMQVSIQYDKQHVCGGSIIDPHWVLTZ 238
Qy 242 AHCRKHTDVFNWVKRAGSDKLSFPSLAIAKIIIEFNMPYKNDIALMKLOFPLTFS 301
Db 239 AHCRKHTDVFNWVKRAGSDKLSFPSLAIAKIIIEFNMPYKNDIALMKLOFPLTFS 298
Qy 302 GTVAPICLPFDEBELTATPLMIIGMGFTKONGKMSDILLQASVQVIDSTRCNADAYQ 361
Db 299 GTVAPICLPFDEBELTATPLMIIGMGFTKONGKMSDILLQASVQVIDSTRCNADAYQ 358
Qy 362 GEYTERKMCAGIPBGGVDTQCGDSGGPLMYQSDQMHWGIVSGVCGGSPSTPGVYTKVS 421
Db 359 GEYTERKMCAGIPBGGVDTQCGDSGGPLMYQSDQMHWGIVSGVCGGSPSTPGVYTKVS 418
Qy 422 AYINWIIYNWKAEI 435
Db 419 AYINWIIYNWKAEI 432
```

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RESULT 84
US-10-011-671A-275
/ Sequence 275, Application US/10011671A
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Baton, Dan I.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas P.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2830PIC27
/ CURRENT APPLICATION NUMBER: US/10/011,671A
/ PRIOR FILING DATE: 2002-06-10
/ PRIOR APPLICATION NUMBER: 60/098716
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098723
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098749
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098750
/ PRIOR FILING DATE: 1998-09-01
/ PRIOR APPLICATION NUMBER: 60/098803
/ PRIOR FILING DATE: 1998-09-02
/ PRIOR APPLICATION NUMBER: 60/098821
/ PRIOR FILING DATE: 1998-09-02
/ PRIOR APPLICATION NUMBER: 60/098843
/ PRIOR FILING DATE: 1998-09-02
/ PRIOR APPLICATION NUMBER: 60/099536
/ PRIOR FILING DATE: 1998-09-09
/ PRIOR APPLICATION NUMBER: 60/099596
/ PRIOR FILING DATE: 1998-09-09
/ PRIOR APPLICATION NUMBER: 60/099598
/ PRIOR FILING DATE: 1998-09-09
/ PRIOR APPLICATION NUMBER: 60/099602
/ PRIOR FILING DATE: 1998-09-09
/ PRIOR APPLICATION NUMBER: 60/099642
/ PRIOR FILING DATE: 1998-09-09
/ PRIOR APPLICATION NUMBER: 60/099741
/ PRIOR FILING DATE: 1998-09-10
/ PRIOR APPLICATION NUMBER: 60/099754
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PRIOR APPLICATION NUMBER:	60/101915
PRIOR FILING DATE:	1998-09-24
PRIOR APPLICATION NUMBER:	60/101916
PRIOR FILING DATE:	1998-09-24
PRIOR APPLICATION NUMBER:	60/102207
PRIOR FILING DATE:	1998-09-29
PRIOR APPLICATION NUMBER:	60/102240
PRIOR FILING DATE:	1998-09-29
PRIOR APPLICATION NUMBER:	60/102307
PRIOR FILING DATE:	1998-09-29
PRIOR APPLICATION NUMBER:	60/102330
PRIOR FILING DATE:	1998-09-29
PRIOR APPLICATION NUMBER:	60/102331
PRIOR FILING DATE:	1998-09-29
PRIOR APPLICATION NUMBER:	60/102484
PRIOR FILING DATE:	1998-09-30
PRIOR APPLICATION NUMBER:	60/102487
PRIOR FILING DATE:	1998-09-30
PRIOR APPLICATION NUMBER:	60/102570
PRIOR FILING DATE:	1998-09-30
PRIOR APPLICATION NUMBER:	60/102571
PRIOR FILING DATE:	1998-09-30
PRIOR APPLICATION NUMBER:	60/102684
PRIOR FILING DATE:	1998-10-01
PRIOR APPLICATION NUMBER:	60/102687
PRIOR FILING DATE:	1998-10-01
PRIOR APPLICATION NUMBER:	60/102965
PRIOR FILING DATE:	1998-10-02
PRIOR APPLICATION NUMBER:	60/103258
PRIOR FILING DATE:	1998-10-06
PRIOR APPLICATION NUMBER:	60/103314
PRIOR FILING DATE:	1998-10-07
PRIOR APPLICATION NUMBER:	60/103315
PRIOR FILING DATE:	1998-10-07
PRIOR APPLICATION NUMBER:	60/103328
PRIOR FILING DATE:	1998-10-07
PRIOR APPLICATION NUMBER:	60/103355
PRIOR FILING DATE:	1998-10-07
PRIOR APPLICATION NUMBER:	60/103396
PRIOR FILING DATE:	1998-10-08
PRIOR APPLICATION NUMBER:	60/103401
PRIOR FILING DATE:	1998-10-07
PRIOR APPLICATION NUMBER:	60/103449
PRIOR FILING DATE:	1998-10-06
PRIOR APPLICATION NUMBER:	60/103633
PRIOR FILING DATE:	1998-10-08
PRIOR APPLICATION NUMBER:	60/103678
PRIOR FILING DATE:	1998-10-08
PRIOR APPLICATION NUMBER:	60/103679
PRIOR FILING DATE:	1998-10-08
PRIOR APPLICATION NUMBER:	60/103711
PRIOR FILING DATE:	1998-10-08
PRIOR APPLICATION NUMBER:	60/104257
PRIOR FILING DATE:	1998-10-14
PRIOR APPLICATION NUMBER:	60/104987
PRIOR FILING DATE:	1998-10-20
PRIOR APPLICATION NUMBER:	60/105000
PRIOR FILING DATE:	1998-10-20
PRIOR APPLICATION NUMBER:	60/105002
PRIOR FILING DATE:	1998-10-20
PRIOR APPLICATION NUMBER:	60/105104
PRIOR FILING DATE:	1998-10-21
PRIOR APPLICATION NUMBER:	60/105169
PRIOR FILING DATE:	1998-10-22
PRIOR APPLICATION NUMBER:	60/105266
PRIOR FILING DATE:	1998-10-22
PRIOR APPLICATION NUMBER:	60/105633
PRIOR FILING DATE:	1998-10-26
PRIOR APPLICATION NUMBER:	60/105694
PRIOR FILING DATE:	1998-10-26
PRIOR APPLICATION NUMBER:	60/105807
PRIOR FILING DATE:	1998-10-27
PRIOR APPLICATION NUMBER:	60/105881

;; PRIOR FILING DATE: 1998-10-27
;; PRIOR APPLICATION NUMBER: 60/105882
;; PRIOR FILING DATE: 1998-10-27
;; PRIOR APPLICATION NUMBER: 60/106023
;; PRIOR FILING DATE: 1998-10-28
;; PRIOR APPLICATION NUMBER: 60/106029

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

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QY 2 DPDSQPLNSLDVPLKPRIPMETPRKVGIPITIALSLASIIIVVLKVLIDKXYFL 61
DB 4 DPDSQPLNSLDVPLKPRIPMETPRKVGIPITIALSLASIIIVVLKVLIDKXYFL 63
QY 62 CGQPLHPIPRKQICDGLDCPLGDEBHCYKSPFEGPAVAVRLSKRSTLQVLD SATGM 121
DB 64 CGQPLHPIPRKQICDGLDCPLGDEBHCYKSPFEGPAVAVRLSKRSTLQVLD SATGM 123
QY 122 FSACFDNFTALAEACRQMGYSKPTFAVEIGPQDDLDVVEITENSQELMRNMSGFC 181
DB 124 FSACFDNFTALAEACRQMGYS-----RAVEIGPQDDLDVVEITENSQELMRNMSGFC 178
QY 182 LSGSLVSLHCLACGKSLKTPRVVGGEBASVDSWPQVSIQYDKQHVCGSILDPHVLTA 241
DB 179 LSGSLVSLHCLACGKSLKTPRVVGGEBASVDSWPQVSIQYDKQHVCGSILDPHVLTA 238
QY 242 AHCFRKHTEVFNKVRAGSDKLSFPSLAVAKIIIEFNPMTPKNDIALMKLQEPFLPS 301
DB 239 AHCFRKHTEVFNKVRAGSDKLSFPSLAVAKIIIEFNPMTPKNDIALMKLQEPFLPS 298
QY 302 GTVAPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 361
DB 299 GTVAPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 358
QY 362 GEYTEKMKCAGIPBEGVDTCQDSGSPFLMYQSDQMHVGIWSWYGCGBPSTPGVYTKVS 421
DB 359 GEYTEKMKCAGIPBEGVDTCQDSGSPFLMYQSDQMHVGIWSWYGCGBPSTPGVYTKVS 418
QY 422 AYLNMIYNNWKAEL 435
DB 419 AYLNMIYNNWKAEL 432
```

RESULT 85
US-10-011-692A-275

;; Sequence 275, Application US/10011692A
;; GENERAL INFORMATION:

;; APPLICANT: Baker, Kevin P.
;; APPLICANT: Botstein, David
;; APPLICANT: Desnoyers, Luc
;; APPLICANT: Eaton, Dan I.
;; APPLICANT: Ferrara, Napoleone
;; APPLICANT: Fong, Sherman
;; APPLICANT: Gao, Wei-Qiang
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Grimaldi, Christopher J.
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Hillan, Kenneth J.
;; APPLICANT: Pan, James
;; APPLICANT: Paoni, Nicholas F.
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
;; FILE REFERENCE: P2830P1C30
;; CURRENT APPLICATION NUMBER: US/10/011.692A
;; PRIOR FILING DATE: 2001-12-07
;; NUMBER OF SEQ ID NOS: 477
;; SEQ ID NO 275
;; LENGTH: 432
;; TYPE: PRT
;; ORGANISM: Homo sapiens

US-10-011-692A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```
QY 2 DPDSQPLNSLDVPLKPRIPMETPRKVGIPITIALSLASIIIVVLKVLIDKXYFL 61
DB 4 DPDSQPLNSLDVPLKPRIPMETPRKVGIPITIALSLASIIIVVLKVLIDKXYFL 63
QY 62 CGQPLHPIPRKQICDGLDCPLGDEBHCYKSPFEGPAVAVRLSKRSTLQVLD SATGM 121
DB 64 CGQPLHPIPRKQICDGLDCPLGDEBHCYKSPFEGPAVAVRLSKRSTLQVLD SATGM 123
QY 122 FSACFDNFTALAEACRQMGYSKPTFAVEIGPQDDLDVVEITENSQELMRNMSGFC 181
DB 124 FSACFDNFTALAEACRQMGYS-----RAVEIGPQDDLDVVEITENSQELMRNMSGFC 178
QY 182 LSGSLVSLHCLACGKSLKTPRVVGGEBASVDSWPQVSIQYDKQHVCGSILDPHVLTA 241
DB 179 LSGSLVSLHCLACGKSLKTPRVVGGEBASVDSWPQVSIQYDKQHVCGSILDPHVLTA 238
QY 242 AHCFRKHTEVFNKVRAGSDKLSFPSLAVAKIIIEFNPMTPKNDIALMKLQEPFLPS 301
DB 239 AHCFRKHTEVFNKVRAGSDKLSFPSLAVAKIIIEFNPMTPKNDIALMKLQEPFLPS 298
QY 302 GTVAPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 361
DB 299 GTVAPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 358
QY 362 GEYTEKMKCAGIPBEGVDTCQDSGSPFLMYQSDQMHVGIWSWYGCGBPSTPGVYTKVS 421
DB 359 GEYTEKMKCAGIPBEGVDTCQDSGSPFLMYQSDQMHVGIWSWYGCGBPSTPGVYTKVS 418
QY 422 AYLNMIYNNWKAEL 435
DB 419 AYLNMIYNNWKAEL 432
```

RESULT 86
US-10-011-795A-275

;; Sequence 275, Application US/10011795A
;; GENERAL INFORMATION:

;; APPLICANT: Baker, Kevin P.
;; APPLICANT: Botstein, David
;; APPLICANT: Desnoyers, Luc
;; APPLICANT: Eaton, Dan I.
;; APPLICANT: Ferrara, Napoleone
;; APPLICANT: Fong, Sherman
;; APPLICANT: Gao, Wei-Qiang
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Grimaldi, Christopher J.
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Hillan, Kenneth J.
;; APPLICANT: Pan, James
;; APPLICANT: Paoni, Nicholas F.
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
;; FILE REFERENCE: P2830P1C25
;; CURRENT APPLICATION NUMBER: US/10/011.795A
;; PRIOR FILING DATE: 2001-12-07
;; NUMBER OF SEQ ID NOS: 477
;; SEQ ID NO 275
;; LENGTH: 432
;; TYPE: PRT
;; ORGANISM: Homo sapiens

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

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QY 2 DPDSDDPLNSLDVYPLKRPRIEMETFRKVGIPITIIALLSLASIIIVVLIIVLIDKXYFL 61
Db 4 QPDSDDPLNSLDVYPLKRPRIEMETFRKVGIPITIIALLSLASIIIVVLIIVLIDKXYFL 63
QY 62 CGOPLHFI PRKQDCGELDCPLGDEDEHCYKSPFEGPAVAARLSKDRSTLQVLSATGNW 121
Db 64 CGOPLHFI PRKQDCGELDCPLGDEDEHCYKSPFEGPAVAARLSKDRSTLQVLSATGNW 123
QY 122 FSACEDNTEALAEATACRQMGYSKPTFAVEIGPDQDLVVEITENSQELMRNSSGPC 181
Db 124 FSACEDNTEALAEATACRQMGYSKPTFAVEIGPDQDLVVEITENSQELMRNSSGPC 178
QY 182 LSGSLVSIHCLACGSKLTTPRVVGGEEASVDSWPQVSIQYDKQVCGGSLIDPRMVLTA 241
Db 179 LSGSLVSIHCLACGSKLTTPRVVGGEEASVDSWPQVSIQYDKQVCGGSLIDPRMVLTA 238
QY 242 AHCPKHTDVNWKVRAGSDKLGSPSLAVAKIIIEFNPMYKONDIALMKLOPPLTFS 301
Db 239 AHCPKHTDVNWKVRAGSDKLGSPSLAVAKIIIEFNPMYKONDIALMKLOPPLTFS 298
QY 302 GTVRPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQVIDSTRCNADAYQ 361
Db 299 GTVRPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQVIDSTRCNADAYQ 358
QY 362 GEVTERKMWACAGIPBEGGVDTCCGDSGGPLMYOSDQHHVVGIVSWGCGGSPSTRGYTTKVS 421
Db 359 GEVTERKMWACAGIPBEGGVDTCCGDSGGPLMYOSDQHHVVGIVSWGCGGSPSTRGYTTKVS 418
QY 422 AYLNMIYVWKAEI 435
Db 419 AYLNMIYVWKAEI 432

```

RESULT 87

US-10-011-795B-275

Sequence 275, Application US/10011795B

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan L.

APPLICANT: Ferrara, Napoleone

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P2830P1C25

CURRENT FILING DATE: 2001-12-07

PRIOR APPLICATION NUMBER: US/10/011,795B

PRIOR FILING DATE: 1998-09-01

PRIOR FILING DATE: 1998-09-01

PRIOR FILING DATE: 1998-09-01

PRIOR FILING DATE: 1998-09-01

PRIOR FILING DATE: 1998-09-01

PRIOR FILING DATE: 1998-09-01

PRIOR FILING DATE: 1998-09-01

PRIOR FILING DATE: 1998-09-01

PRIOR FILING DATE: 1998-09-01

PRIOR FILING DATE: 1998-09-01

PRIOR FILING DATE: 1998-09-01

PRIOR FILING DATE: 1998-09-01

PRIOR FILING DATE: 1998-09-01

PRIOR FILING DATE: 1998-09-01

PRIOR FILING DATE: 1998-09-01

```

PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 275
LENGTH: 432
TYPE: PRT
ORGANISM: Homo sapiens
US-10-011-795B-275
Query Match
Best Local Similarity 98.1%; Score 2297.5; DB 30; Length 432;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;
QY 2 DPDSDDPLNSLDVYPLKRPRIEMETFRKVGIPITIIALLSLASIIIVVLIIVLIDKXYFL 61
Db 4 DPDSDDPLNSLDVYPLKRPRIEMETFRKVGIPITIIALLSLASIIIVVLIIVLIDKXYFL 63
QY 62 CGOPLHFI PRKQDCGELDCPLGDEDEHCYKSPFEGPAVAARLSKDRSTLQVLSATGNW 121
Db 64 CGOPLHFI PRKQDCGELDCPLGDEDEHCYKSPFEGPAVAARLSKDRSTLQVLSATGNW 123
QY 122 FSACEDNTEALAEATACRQMGYSKPTFAVEIGPDQDLVVEITENSQELMRNSSGPC 181
Db 124 FSACEDNTEALAEATACRQMGYSKPTFAVEIGPDQDLVVEITENSQELMRNSSGPC 178
QY 182 LSGSLVSIHCLACGSKLTTPRVVGGEEASVDSWPQVSIQYDKQVCGGSLIDPRMVLTA 241
Db 179 LSGSLVSIHCLACGSKLTTPRVVGGEEASVDSWPQVSIQYDKQVCGGSLIDPRMVLTA 238
QY 242 AHCPKHTDVNWKVRAGSDKLGSPSLAVAKIIIEFNPMYKONDIALMKLOPPLTFS 301
Db 239 AHCPKHTDVNWKVRAGSDKLGSPSLAVAKIIIEFNPMYKONDIALMKLOPPLTFS 298
QY 302 GTVRPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQVIDSTRCNADAYQ 361
Db 299 GTVRPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQVIDSTRCNADAYQ 358
QY 362 GEVTERKMWACAGIPBEGGVDTCCGDSGGPLMYOSDQHHVVGIVSWGCGGSPSTRGYTTKVS 421
Db 359 GEVTERKMWACAGIPBEGGVDTCCGDSGGPLMYOSDQHHVVGIVSWGCGGSPSTRGYTTKVS 418
QY 422 AYLNMIYVWKAEI 435
Db 419 AYLNMIYVWKAEI 432

```

RESULT 88

US-10-012-101B-275

Sequence 275, Application US/10012101B

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan L.

APPLICANT: Ferrara, Napoleone

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P2830P1C6

CURRENT FILING DATE: 2001-12-06

Prior application removed - See file wrapper or Palm

NUMBER OF SEQ ID NOS: 477
SEQ ID NO 275
LENGTH: 432
TYPE: PRT
ORGANISM: Homo sapiens
US-10-012-101B-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```
QY 2 DPDSQPLNSLDVPRKRPRIPIIALLSLASIIIVVLKVLIDKXYFL 61
DB 4 DPDSQPLNSLDVPRKRPRIPIIALLSLASIIIVVLKVLIDKXYFL 63
QY 62 CGOPLHFIPIRKOCDGELDPLGDEBHCYKSPPEGPAVAVRLSKORSTLQVLDSTGNW 121
DB 64 CGOPLHFIPIRKOCDGELDPLGDEBHCYKSPPEGPAVAVRLSKORSTLQVLDSTGNW 123
QY 122 FSACFDNFTALATACRQMGYSKPTFAVEIGPDODLDVVEITENSGELMRNSSGPC 181
DB 124 FSACFDNFTALATACRQMGYSKPTFAVEIGPDODLDVVEITENSGELMRNSSGPC 178
QY 182 LSGSLVSLHCLAGCKSLKTPRVVGGEBASVDSMPQVSIQYDKQHVCGGSIIDPHWVLT 241
DB 179 LSGSLVSLHCLAGCKSLKTPRVVGGEBASVDSMPQVSIQYDKQHVCGGSIIDPHWVLT 238
QY 242 AHCFRKTDFVFNKVRAGSDKLSFSLAVAKIIIEFNPMYKXNDIALMKLQPLTF 301
DB 239 AHCFRKTDFVFNKVRAGSDKLSFSLAVAKIIIEFNPMYKXNDIALMKLQPLTF 298
QY 302 GTVRPCLPFDELTLPATPLWITIGWFTKONGKXSDILLQASVQVLDSTRCANADAYQ 361
DB 299 GTVRPCLPFDELTLPATPLWITIGWFTKONGKXSDILLQASVQVLDSTRCANADAYQ 358
QY 362 GEVTERMCAGIPGEGVDTCQDSGAPLMTQSDQNHVVGIVSWGCGGSPSTPGVYTKVS 421
DB 359 GEVTERMCAGIPGEGVDTCQDSGAPLMTQSDQNHVVGIVSWGCGGSPSTPGVYTKVS 418
QY 422 AYLNMTYNNWKAEL 435
DB 419 AYLNMTYNNWKAEL 432
```

RESULT 89

US-10-012-121A-275

Sequence 275, Application US/10012121A

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Baton, Dan I.

APPLICANT: Ferrara, Napoleone

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Goddard, Audrey

APPLICANT: Grimaldi, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P2830P1C29

CURRENT APPLICATION NUMBER: US/10/012.121A

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 477

SEQ ID NO 275

LENGTH: 432

TYPE: PRT

ORGANISM: Homo sapiens

US-10-012-121A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```
QY 2 DPDSQPLNSLDVPRKRPRIPIIALLSLASIIIVVLKVLIDKXYFL 61
DB 4 DPDSQPLNSLDVPRKRPRIPIIALLSLASIIIVVLKVLIDKXYFL 63
QY 62 CGOPLHFIPIRKOCDGELDPLGDEBHCYKSPPEGPAVAVRLSKORSTLQVLDSTGNW 121
DB 64 CGOPLHFIPIRKOCDGELDPLGDEBHCYKSPPEGPAVAVRLSKORSTLQVLDSTGNW 123
QY 122 FSACFDNFTALATACRQMGYSKPTFAVEIGPDODLDVVEITENSGELMRNSSGPC 181
DB 124 FSACFDNFTALATACRQMGYSKPTFAVEIGPDODLDVVEITENSGELMRNSSGPC 178
QY 182 LSGSLVSLHCLAGCKSLKTPRVVGGEBASVDSMPQVSIQYDKQHVCGGSIIDPHWVLT 241
DB 179 LSGSLVSLHCLAGCKSLKTPRVVGGEBASVDSMPQVSIQYDKQHVCGGSIIDPHWVLT 238
QY 242 AHCFRKTDFVFNKVRAGSDKLSFSLAVAKIIIEFNPMYKXNDIALMKLQPLTF 301
DB 239 AHCFRKTDFVFNKVRAGSDKLSFSLAVAKIIIEFNPMYKXNDIALMKLQPLTF 298
QY 302 GTVRPCLPFDELTLPATPLWITIGWFTKONGKXSDILLQASVQVLDSTRCANADAYQ 361
DB 299 GTVRPCLPFDELTLPATPLWITIGWFTKONGKXSDILLQASVQVLDSTRCANADAYQ 358
QY 362 GEVTERMCAGIPGEGVDTCQDSGAPLMTQSDQNHVVGIVSWGCGGSPSTPGVYTKVS 421
DB 359 GEVTERMCAGIPGEGVDTCQDSGAPLMTQSDQNHVVGIVSWGCGGSPSTPGVYTKVS 418
QY 422 AYLNMTYNNWKAEL 435
DB 419 AYLNMTYNNWKAEL 432
```

RESULT 90

US-10-012-137A-275

Sequence 275, Application US/10012137A

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Baton, Dan I.

APPLICANT: Ferrara, Napoleone

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Goddard, Audrey

APPLICANT: Grimaldi, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P2830P1C29

CURRENT APPLICATION NUMBER: US/10/012.137A

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 477

SEQ ID NO 275

LENGTH: 432

TYPE: PRT

ORGANISM: Homo sapiens

US-10-012-137A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPLKRPRIIMETFRKVGIPITIIIALSLASIIIVVLIKIVLIDKXYFL 61
DB 4 DPDSQPLNSLDVPLKRPRIIMETFRKVGIPITIIIALSLASIIIVVLIKIVLIDKXYFL 63
QY 62 CGQPLHFI PRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 121
DB 64 CGQPLHFI PRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 123
QY 122 FSACFDNFTALATACRQMGYSKPTFRVAIEIGPDOLDVVEITENSQELRMNSSGPC 181
DB 124 FSACFDNFTALATACRQMGYSKPTFRVAIEIGPDOLDVVEITENSQELRMNSSGPC 178
QY 182 LSGSLVSLHCLACGSKSLKTPRVVGGEBASVDSWPMQVSIQYDKQVCGSIIIDPHMVLT 241
DB 179 LSGSLVSLHCLACGSKSLKTPRVVGGEBASVDSWPMQVSIQYDKQVCGSIIIDPHMVLT 238
QY 242 AHCRKHTDVNMKVRAGSDKLSFPSLAIAKIIIEFNPMY PKONDIALMKLOPPLTFS 301
DB 239 AHCRKHTDVNMKVRAGSDKLSFPSLAIAKIIIEFNPMY PKONDIALMKLOPPLTFS 298
QY 302 GTVAPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQVVDSTRCNADDAVQ 361
DB 299 GTVAPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQVVDSTRCNADDAVQ 358
QY 362 GEVTERKMCAGIPRGGVDTCCGDSGGLMYQSDQMHVVGIVSMGVCGGPSTPGVYTKVS 421
DB 359 GEVTERKMCAGIPRGGVDTCCGDSGGLMYQSDQMHVVGIVSMGVCGGPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEI 435
DB 419 AYLNMIYVWKAEI 432

RESULT 91
US-10-012-149A-275
Sequence 275. Application US/10012149A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Deenoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2830P1C26
CURRENT FILING DATE: 2002-06-25
CURRENT APPLICATION NUMBER: US/10/012,149A
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 275
LENGTH: 432
TYPE: PRT
ORGANISM: Homo sapiens
US-10-012-149A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPLKRPRIIMETFRKVGIPITIIIALSLASIIIVVLIKIVLIDKXYFL 61
DB 4 DPDSQPLNSLDVPLKRPRIIMETFRKVGIPITIIIALSLASIIIVVLIKIVLIDKXYFL 63

QY 62 CGQPLHFI PRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 121
DB 64 CGQPLHFI PRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 123
QY 122 FSACFDNFTALATACRQMGYSKPTFRVAIEIGPDOLDVVEITENSQELRMNSSGPC 181
DB 124 FSACFDNFTALATACRQMGYSKPTFRVAIEIGPDOLDVVEITENSQELRMNSSGPC 178
QY 182 LSGSLVSLHCLACGSKSLKTPRVVGGEBASVDSWPMQVSIQYDKQVCGSIIIDPHMVLT 241
DB 179 LSGSLVSLHCLACGSKSLKTPRVVGGEBASVDSWPMQVSIQYDKQVCGSIIIDPHMVLT 238
QY 242 AHCRKHTDVNMKVRAGSDKLSFPSLAIAKIIIEFNPMY PKONDIALMKLOPPLTFS 301
DB 239 AHCRKHTDVNMKVRAGSDKLSFPSLAIAKIIIEFNPMY PKONDIALMKLOPPLTFS 298
QY 302 GTVAPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQVVDSTRCNADDAVQ 361
DB 299 GTVAPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQVVDSTRCNADDAVQ 358
QY 362 GEVTERKMCAGIPRGGVDTCCGDSGGLMYQSDQMHVVGIVSMGVCGGPSTPGVYTKVS 421
DB 359 GEVTERKMCAGIPRGGVDTCCGDSGGLMYQSDQMHVVGIVSMGVCGGPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEI 435
DB 419 AYLNMIYVWKAEI 432

RESULT 92
US-10-012-237A-275
Sequence 275. Application US/10012237A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Deenoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2830P1C21
CURRENT FILING DATE: 2002-06-10
CURRENT APPLICATION NUMBER: US/10/012,237A
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 275
LENGTH: 432
TYPE: PRT
ORGANISM: Homo sapiens
US-10-012-237A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPLKRPRIIMETFRKVGIPITIIIALSLASIIIVVLIKIVLIDKXYFL 61
DB 4 DPDSQPLNSLDVPLKRPRIIMETFRKVGIPITIIIALSLASIIIVVLIKIVLIDKXYFL 63
QY 62 CGQPLHFI PRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 121
DB 64 CGQPLHFI PRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 123
QY 122 FSACFDNFTALATACRQMGYSKPTFRVAIEIGPDOLDVVEITENSQELRMNSSGPC 181

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Db 124 FSACFDNFTALAEATACRQMGYS-----RAVEIGPDODLDVVEITENSQELMRNNSGFC 178
Qy 182 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPQVSIQYDKQHVCGGSIIDPHMVLTA 241
Db 179 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPQVSIQYDKQHVCGGSIIDPHMVLTA 238
Qy 242 AHCERKHTDVFNMKVRAGSDKLSFSLAVAKIIIEFNMPKNDIALMKLOPPLTFS 301
Db 239 AHCERKHTDVFNMKVRAGSDKLSFSLAVAKIIIEFNMPKNDIALMKLOPPLTFS 298
Qy 302 GTVAPICLPFDEELTPATPLMIIGMFTKONGKMSDILQASVOYIDSTRCNADAYQ 361
Db 299 GTVAPICLPFDEELTPATPLMIIGMFTKONGKMSDILQASVOYIDSTRCNADAYQ 358
Qy 362 GEYTERKMMCAGIPBGVDTQGDSDGGLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
Db 359 GEYTERKMMCAGIPBGVDTQGDSDGGLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
Qy 422 AYLMWITYNWKAEI 435
Db 419 AYLMWITYNWKAEI 432
```

```
RESULT 93
US-10-012-752A-275
; Sequence 275, Application US/10012752A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Guirey, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC24
; CURRENT APPLICATION NUMBER: US/10/012,752A
; CURRENT FILING DATE: 2002-06-25
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-012-752A-275
```

```
Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

Qy 2 DPDSQPLNSLDVYPLKRPRIEMETFRKVGIPITIALSLASIIIVVLIKVLIDKYFL 61
Db 4 DPDSQPLNSLDVYPLKRPRIEMETFRKVGIPITIALSLASIIIVVLIKVLIDKYFL 63
Qy 62 CGOPLHFTPRKQLCDGLDCLPGLGDEDEHCVKSPFBGPAVAVRLSKRSTLQVLDSATGNW 121
Db 64 CGOPLHFTPRKQLCDGLDCLPGLGDEDEHCVKSPFBGPAVAVRLSKRSTLQVLDSATGNW 123
Qy 122 FSACFDNFTALAEATACRQMGYSKPTFRAVEIGPDODLDVVEITENSQELMRNNSGFC 181
Db 124 FSACFDNFTALAEATACRQMGYS-----RAVEIGPDODLDVVEITENSQELMRNNSGFC 178
Qy 182 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPQVSIQYDKQHVCGGSIIDPHMVLTA 241
Db 179 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPQVSIQYDKQHVCGGSIIDPHMVLTA 238
```

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Db 179 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPQVSIQYDKQHVCGGSIIDPHMVLTA 238
Qy 242 AHCERKHTDVFNMKVRAGSDKLSFSLAVAKIIIEFNMPKNDIALMKLOPPLTFS 301
Db 239 AHCERKHTDVFNMKVRAGSDKLSFSLAVAKIIIEFNMPKNDIALMKLOPPLTFS 298
Qy 302 GTVAPICLPFDEELTPATPLMIIGMFTKONGKMSDILQASVOYIDSTRCNADAYQ 361
Db 299 GTVAPICLPFDEELTPATPLMIIGMFTKONGKMSDILQASVOYIDSTRCNADAYQ 358
Qy 362 GEYTERKMMCAGIPBGVDTQGDSDGGLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
Db 359 GEYTERKMMCAGIPBGVDTQGDSDGGLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
Qy 422 AYLMWITYNWKAEI 435
Db 419 AYLMWITYNWKAEI 432
```

```
RESULT 94
US-10-012-753A-275
; Sequence 275, Application US/10012753A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Guirey, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC17
; CURRENT APPLICATION NUMBER: US/10/012,753A
; CURRENT FILING DATE: 2001-12-07
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-012-753A-275
```

```
Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

Qy 2 DPDSQPLNSLDVYPLKRPRIEMETFRKVGIPITIALSLASIIIVVLIKVLIDKYFL 61
Db 4 DPDSQPLNSLDVYPLKRPRIEMETFRKVGIPITIALSLASIIIVVLIKVLIDKYFL 63
Qy 62 CGOPLHFTPRKQLCDGLDCLPGLGDEDEHCVKSPFBGPAVAVRLSKRSTLQVLDSATGNW 121
Db 64 CGOPLHFTPRKQLCDGLDCLPGLGDEDEHCVKSPFBGPAVAVRLSKRSTLQVLDSATGNW 123
Qy 122 FSACFDNFTALAEATACRQMGYSKPTFRAVEIGPDODLDVVEITENSQELMRNNSGFC 181
Db 124 FSACFDNFTALAEATACRQMGYS-----RAVEIGPDODLDVVEITENSQELMRNNSGFC 178
Qy 182 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPQVSIQYDKQHVCGGSIIDPHMVLTA 241
Db 179 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPQVSIQYDKQHVCGGSIIDPHMVLTA 238
Qy 242 AHCERKHTDVFNMKVRAGSDKLSFSLAVAKIIIEFNMPKNDIALMKLOPPLTFS 301
Db 239 AHCERKHTDVFNMKVRAGSDKLSFSLAVAKIIIEFNMPKNDIALMKLOPPLTFS 298
```


QY 302 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 361
DB 299 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 358
QY 362 GEVTERKMCAGIPREGVDTCGDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
DB 359 GEVTERKMCAGIPREGVDTCGDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
QY 422 AYLMWYVWKAEI 435
DB 419 AYLMWYVWKAEI 432
RESULT 95
US-10-012-754A-275
Sequence 275, Application US/10012754A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C18
CURRENT FILING DATE: 2002-06-10
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 275
LENGTH: 432
TYPE: PRT
ORGANISM: Homo sapiens
US-10-012-754A-275
Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;
QY 2 DPDSQPLNSLDVPRKRPRIPEMTERKVGIPITIALSLASIIIVVLIKYLIDKYFL 61
DB 4 DPDSQPLNSLDVPRKRPRIPEMTERKVGIPITIALSLASIIIVVLIKYLIDKYFL 63
QY 62 CGQPLHFI PRKQLCGELDCPLGDEDEHCYKSPFBGPAVAVRLSKDRSTLQVLSATGNW 121
DB 64 CGQPLHFI PRKQLCGELDCPLGDEDEHCYKSPFBGPAVAVRLSKDRSTLQVLSATGNW 123
QY 122 FSACFDNFTALAEATACROMGYSSKPTFAVEIGPDQDLVVEITENSQELMRNSSGPC 181
DB 124 FSACFDNFTALAEATACROMGYSSKPTFAVEIGPDQDLVVEITENSQELMRNSSGPC 178
QY 182 LSGSLVSIHCLACGKSLKTPRVVGBEASVDSWPMQVSIQYDKOHVCGGSIIDPRWVTLA 241
DB 179 LSGSLVSIHCLACGKSLKTPRVVGBEASVDSWPMQVSIQYDKOHVCGGSIIDPRWVTLA 238
QY 242 AHCFKRDVFNWVKRAGSDKLGSPSLAVAKIIIEFNPMYKXNDIALMKLOPPLTFS 301
DB 239 AHCFKRDVFNWVKRAGSDKLGSPSLAVAKIIIEFNPMYKXNDIALMKLOPPLTFS 298
QY 302 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 361
DB 299 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 358

QY 362 GEVTERKMCAGIPREGVDTCGDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
DB 359 GEVTERKMCAGIPREGVDTCGDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
QY 422 AYLMWYVWKAEI 435
DB 419 AYLMWYVWKAEI 432
RESULT 96
US-10-012-755A-275
Sequence 275, Application US/10012755A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C28
CURRENT FILING DATE: 2002-06-10
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 275
LENGTH: 432
TYPE: PRT
ORGANISM: Homo sapiens
US-10-012-755A-275
Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;
QY 2 DPDSQPLNSLDVPRKRPRIPEMTERKVGIPITIALSLASIIIVVLIKYLIDKYFL 61
DB 4 DPDSQPLNSLDVPRKRPRIPEMTERKVGIPITIALSLASIIIVVLIKYLIDKYFL 63
QY 62 CGQPLHFI PRKQLCGELDCPLGDEDEHCYKSPFBGPAVAVRLSKDRSTLQVLSATGNW 121
DB 64 CGQPLHFI PRKQLCGELDCPLGDEDEHCYKSPFBGPAVAVRLSKDRSTLQVLSATGNW 123
QY 122 FSACFDNFTALAEATACROMGYSSKPTFAVEIGPDQDLVVEITENSQELMRNSSGPC 181
DB 124 FSACFDNFTALAEATACROMGYSSKPTFAVEIGPDQDLVVEITENSQELMRNSSGPC 178
QY 182 LSGSLVSIHCLACGKSLKTPRVVGBEASVDSWPMQVSIQYDKOHVCGGSIIDPRWVTLA 241
DB 179 LSGSLVSIHCLACGKSLKTPRVVGBEASVDSWPMQVSIQYDKOHVCGGSIIDPRWVTLA 238
QY 242 AHCFKRDVFNWVKRAGSDKLGSPSLAVAKIIIEFNPMYKXNDIALMKLOPPLTFS 301
DB 239 AHCFKRDVFNWVKRAGSDKLGSPSLAVAKIIIEFNPMYKXNDIALMKLOPPLTFS 298
QY 302 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 361
DB 299 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 358
QY 362 GEVTERKMCAGIPREGVDTCGDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
DB 359 GEVTERKMCAGIPREGVDTCGDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
QY 422 AYLMWYVWKAEI 435

Db 419 AYLNWITNVKAEI 432

RESULT 97

US-10-013-430A-275
; Sequence 275, Application US/10013430A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deonoyers, Luc
; APPLICANT: Baton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC31
; CURRENT APPLICATION NUMBER: US/10/013,430A
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: prt
; ORGANISM: Homo sapiens
US-10-013-430A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7,4e-216;

Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQDPLNSLDVLRKPRIPMEFRKVGIPITIALSLASITIVVILKVIDKXYFL 61
Db 4 DPDSQDPLNSLDVLRKPRIPMEFRKVGIPITIALSLASITIVVILKVIDKXYFL 63
QY 62 CGOPHFLPRKOLCGELDPCLGSEDEHCYKSPFEGPAVAVRLSKDRSTIQVDSATGNW 121
Db 64 CGOPHFLPRKOLCGELDPCLGSEDEHCYKSPFEGPAVAVRLSKDRSTIQVDSATGNW 123
QY 122 FSACFDNFTALAEYACROMGYSSKPTFRAVEIGPDODLDVETTESOELRMRNSGPG 181
Db 124 FSACFDNFTALAEYACROMGYSSKPTFRAVEIGPDODLDVETTESOELRMRNSGPG 178
QY 182 LSGSLVSLHCLACGSKLTFRVVGSEBASVDSPWQVSIQYDKQHVCGSILDPHWLTA 241
Db 179 LSGSLVSLHCLACGSKLTFRVVGSEBASVDSPWQVSIQYDKQHVCGSILDPHWLTA 238
QY 242 AHCRRKTDVFNMYKVRAGSDGLGSPSLAVAKITIIIFENMYPRDNDIALMKLQPLTTS 301
Db 239 AHCRRKTDVFNMYKVRAGSDGLGSPSLAVAKITIIIFENMYPRDNDIALMKLQPLTTS 298
QY 302 GTVPFICLPFDEELTPATPLMTIGMGFTKONGSKMSDILQASVOYVISTRGNADAVQ 361
Db 299 GTVPFICLPFDEELTPATPLMTIGMGFTKONGSKMSDILQASVOYVISTRGNADAVQ 358
QY 362 GEYTERKMGAGIPBGVDTCOGSNGGPIAMQSDQMHVGVISWGYCGGSPSTFGVYTKVS 421
Db 359 GEYTERKMGAGIPBGVDTCOGSNGGPIAMQSDQMHVGVISWGYCGGSPSTFGVYTKVS 418
QY 422 AYLNWITNVKAEI 435
Db 419 AYLNWITNVKAEI 432

RESULT 98

US-10-013-906A-275
; Sequence 275, Application US/10013906A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deonoyers, Luc
; APPLICANT: Baton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC36
; CURRENT APPLICATION NUMBER: US/10/013,906A
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: prt
; ORGANISM: Homo sapiens
US-10-013-906A-275

1	PRIOR FILING DATE: 1998-09-16	60/100662
2	PRIOR APPLICATION NUMBER: 60/100662	
3	PRIOR FILING DATE: 1998-09-16	
4	PRIOR APPLICATION NUMBER: 60/100664	
5	PRIOR FILING DATE: 1998-09-16	
6	PRIOR APPLICATION NUMBER: 60/100683	
7	PRIOR FILING DATE: 1998-09-17	
8	PRIOR APPLICATION NUMBER: 60/100684	
9	PRIOR FILING DATE: 1998-09-17	
10	PRIOR APPLICATION NUMBER: 60/100710	
11	PRIOR FILING DATE: 1998-09-17	
12	PRIOR APPLICATION NUMBER: 60/100711	
13	PRIOR FILING DATE: 1998-09-17	
14	PRIOR APPLICATION NUMBER: 60/100848	
15	PRIOR FILING DATE: 1998-09-18	
16	PRIOR APPLICATION NUMBER: 60/100849	
17	PRIOR FILING DATE: 1998-09-18	
18	PRIOR APPLICATION NUMBER: 60/100919	
19	PRIOR FILING DATE: 1998-09-17	
20	PRIOR APPLICATION NUMBER: 60/100930	
21	PRIOR FILING DATE: 1998-09-17	
22	PRIOR APPLICATION NUMBER: 60/101014	
23	PRIOR FILING DATE: 1998-09-18	
24	PRIOR APPLICATION NUMBER: 60/101068	
25	PRIOR FILING DATE: 1998-09-18	
26	PRIOR APPLICATION NUMBER: 60/101071	
27	PRIOR FILING DATE: 1998-09-18	
28	PRIOR APPLICATION NUMBER: 60/101279	
29	PRIOR FILING DATE: 1998-09-22	
30	PRIOR APPLICATION NUMBER: 60/101471	
31	PRIOR FILING DATE: 1998-09-23	
32	PRIOR APPLICATION NUMBER: 60/101472	
33	PRIOR FILING DATE: 1998-09-23	
34	PRIOR APPLICATION NUMBER: 60/101474	
35	PRIOR FILING DATE: 1998-09-23	
36	PRIOR APPLICATION NUMBER: 60/101475	
37	PRIOR FILING DATE: 1998-09-23	
38	PRIOR APPLICATION NUMBER: 60/101476	
39	PRIOR FILING DATE: 1998-09-23	
40	PRIOR APPLICATION NUMBER: 60/101477	
41	PRIOR FILING DATE: 1998-09-23	
42	PRIOR APPLICATION NUMBER: 60/101479	
43	PRIOR FILING DATE: 1998-09-23	
44	PRIOR APPLICATION NUMBER: 60/101738	
45	PRIOR FILING DATE: 1998-09-24	
46	PRIOR APPLICATION NUMBER: 60/101741	
47	PRIOR FILING DATE: 1998-09-24	
48	PRIOR APPLICATION NUMBER: 60/101743	
49	PRIOR FILING DATE: 1998-09-24	
50	PRIOR APPLICATION NUMBER: 60/101915	
51	PRIOR FILING DATE: 1998-09-24	
52	PRIOR APPLICATION NUMBER: 60/101916	
53	PRIOR FILING DATE: 1998-09-24	
54	PRIOR APPLICATION NUMBER: 60/102207	
55	PRIOR FILING DATE: 1998-09-29	
56	PRIOR APPLICATION NUMBER: 60/102240	
57	PRIOR FILING DATE: 1998-09-29	
58	PRIOR APPLICATION NUMBER: 60/102307	
59	PRIOR FILING DATE: 1998-09-29	
60	PRIOR APPLICATION NUMBER: 60/102330	
61	PRIOR FILING DATE: 1998-09-29	
62	PRIOR APPLICATION NUMBER: 60/102331	
63	PRIOR FILING DATE: 1998-09-29	
64	PRIOR APPLICATION NUMBER: 60/102484	
65	PRIOR FILING DATE: 1998-09-30	
66	PRIOR APPLICATION NUMBER: 60/102487	
67	PRIOR FILING DATE: 1998-09-30	
68	PRIOR APPLICATION NUMBER: 60/102570	
69	PRIOR FILING DATE: 1998-09-30	
70	PRIOR APPLICATION NUMBER: 60/102571	
71	PRIOR FILING DATE: 1998-09-30	
72	PRIOR APPLICATION NUMBER: 60/102684	
73	PRIOR FILING DATE: 1998-10-01	

Query Match	98.1%	Score 2297.5	DB 30	Length 432
Best Local Similarity	98.8%	Pred. No. 7.4e-216		
Matches	429	Conservative	0	Mismatches 0; Indels 5; Gaps 1
Qy	2	DPDSQPIINSIDVXPKLRKRIIPMETFRKVGIPITIALSLASIIIVVVLKIKYLDKYYFL	61	
Db	4	DPDSQPIINSIDVXPKLRKRIIPMETFRKVGIPITIALSLASIIIVVVLKIKYLDKYYFL	63	
Qy	62	CGQPLHPIPRQLOCDGELDCPLGDEDEHCYVSFPFEGPAVAARLSKDRSTLOVLDSATGNM	121	
Db	64	CGQPLHPIPRQLOCDGELDCPLGDEDEHCYVSFPFEGPAVAARLSKDRSTLOVLDSATGNM	123	
Qy	122	FSACPDNFTTEALAEACRQMGYSKPTFRAYEIGBDODLVAEITENSQELMRNNSGPGC	181	
Db	124	FSACPDNFTTEALAEACRQMGYSKPTFRAYEIGBDODLVAEITENSQELMRNNSGPGC	178	
Qy	182	LSGSIVSLHCLACGSKSLTPRVVGGEEASVDSMPQVSIQYDKQHVCGSILDPHMTLTA	241	

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Db 179 LSGSLVSLHCLACGSLKTPRVVGGEEASVDSMPWQVSIQYDKOHVCGGSLIDPHWVLT 238
Qy 242 AHCFRKHDTVNMKVRAGSDKLSFSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
Db 239 AHCFRKHDTVNMKVRAGSDKLSFSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
Qy 302 GTVRPCLPFPDEBELTPATPLMIIGMFTKONGGKMSDILLQASVQVYIDSTRCNADAYQ 361
Db 299 GTVRPCLPFPDEBELTPATPLMIIGMFTKONGGKMSDILLQASVQVYIDSTRCNADAYQ 358
Qy 362 GEYTERKMMKACIPFGGVDTCCGDSGGPLMYQSDQMHWVGIVSWGYGCGGSPSTGVTYKVS 421
Db 359 GEYTERKMMKACIPFGGVDTCCGDSGGPLMYQSDQMHWVGIVSWGYGCGGSPSTGVTYKVS 418
Qy 422 AYLNWIVYNNWKAEL 435
Db 419 AYLNWIVYNNWKAEL 432
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RESULT 99
US-10-013-907A-275
/ Sequence 275, Application US/10013907A
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan 1.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2830PIC34
/ CURRENT APPLICATION NUMBER: US/10/013,907A
/ PRIOR FILING DATE: 2001-12-10
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 275
/ LENGTH: 432
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-013-907A-275
```

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Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

Qy 2 DPDSQPLNSLDVYKPLKPRIPMETFRKVGIPILIALSLASIIIVVLIKVLIDKYFL 61
Db 4 DPDSQPLNSLDVYKPLKPRIPMETFRKVGIPILIALSLASIIIVVLIKVLIDKYFL 63
Qy 62 CGQPLHPIPRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKRSTLYQLVDSATGM 121
Db 64 CGQPLHPIPRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKRSTLYQLVDSATGM 123
Qy 122 FSACFDFNFTALBETACRQMGYSKPTFRAVEIGPQDDLDVVEITENSQELMRNSSGFC 181
Db 124 FSACFDFNFTALBETACRQMGYSKPTFRAVEIGPQDDLDVVEITENSQELMRNSSGFC 178
Qy 182 LSGSLVSLHCLACGSLKTPRVVGGEEASVDSMPWQVSIQYDKOHVCGGSLIDPHWVLT 241
Db 179 LSGSLVSLHCLACGSLKTPRVVGGEEASVDSMPWQVSIQYDKOHVCGGSLIDPHWVLT 238
Qy 242 AHCFRKHDTVNMKVRAGSDKLSFSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
Db 239 AHCFRKHDTVNMKVRAGSDKLSFSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
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Db 229 AHCFRKHDTVNMKVRAGSDKLSFSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
Qy 302 GTVRPCLPFPDEBELTPATPLMIIGMFTKONGGKMSDILLQASVQVYIDSTRCNADAYQ 361
Db 299 GTVRPCLPFPDEBELTPATPLMIIGMFTKONGGKMSDILLQASVQVYIDSTRCNADAYQ 358
Qy 362 GEYTERKMMKACIPFGGVDTCCGDSGGPLMYQSDQMHWVGIVSWGYGCGGSPSTGVTYKVS 421
Db 359 GEYTERKMMKACIPFGGVDTCCGDSGGPLMYQSDQMHWVGIVSWGYGCGGSPSTGVTYKVS 418
Qy 422 AYLNWIVYNNWKAEL 435
Db 419 AYLNWIVYNNWKAEL 432
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RESULT 100
US-10-013-909A-275
/ Sequence 275, Application US/10013909A
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan 1.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2830PIC35
/ CURRENT APPLICATION NUMBER: US/10/013,909A
/ PRIOR FILING DATE: 2002-06-25
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 275
/ LENGTH: 432
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-013-909A-275
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Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

Qy 2 DPDSQPLNSLDVYKPLKPRIPMETFRKVGIPILIALSLASIIIVVLIKVLIDKYFL 61
Db 4 DPDSQPLNSLDVYKPLKPRIPMETFRKVGIPILIALSLASIIIVVLIKVLIDKYFL 63
Qy 62 CGQPLHPIPRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKRSTLYQLVDSATGM 121
Db 64 CGQPLHPIPRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKRSTLYQLVDSATGM 123
Qy 122 FSACFDFNFTALBETACRQMGYSKPTFRAVEIGPQDDLDVVEITENSQELMRNSSGFC 181
Db 124 FSACFDFNFTALBETACRQMGYSKPTFRAVEIGPQDDLDVVEITENSQELMRNSSGFC 178
Qy 182 LSGSLVSLHCLACGSLKTPRVVGGEEASVDSMPWQVSIQYDKOHVCGGSLIDPHWVLT 241
Db 179 LSGSLVSLHCLACGSLKTPRVVGGEEASVDSMPWQVSIQYDKOHVCGGSLIDPHWVLT 238
Qy 242 AHCFRKHDTVNMKVRAGSDKLSFSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
Db 239 AHCFRKHDTVNMKVRAGSDKLSFSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
Qy 302 GTVRPCLPFPDEBELTPATPLMIIGMFTKONGGKMSDILLQASVQVYIDSTRCNADAYQ 361
Db 299 GTVRPCLPFPDEBELTPATPLMIIGMFTKONGGKMSDILLQASVQVYIDSTRCNADAYQ 358
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us-10-803-530-2.ram

[illegible]

PRIOR FILING DATE: 1998-10-27
 PRIOR APPLICATION NUMBER: 60/105881
 PRIOR FILING DATE: 1998-10-27
 PRIOR APPLICATION NUMBER: 60/105882
 PRIOR FILING DATE: 1998-10-27
 PRIOR APPLICATION NUMBER: 60/106023
 PRIOR FILING DATE: 1998-10-28
 PRIOR APPLICATION NUMBER: 60/106029

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSDDPLNSLDVPRKRPRIPIIIMETFRKVGIPITIIALISLIIIVVLLIVIIIDKYYFL 61
 DB 4 DPDSDDPLNSLDVPRKRPRIPIIIMETFRKVGIPITIIALISLIIIVVLLIVIIIDKYYFL 63
 QY 62 CGOPLHPIPRKQCDGELDCPLGDEDEHCYKSPREGPAVAVRLSKDSTTQVLSATGNW 121
 DB 64 CGOPLHPIPRKQCDGELDCPLGDEDEHCYKSPREGPAVAVRLSKDSTTQVLSATGNW 123
 QY 122 FSACFDNTEALAEATACRQMGYSKPTFRAVEIGPDODLVEITENSQELRMENSSGPC 181
 DB 124 FSACFDNTEALAEATACRQMGYS-----RAVEIGPDODLVEITENSQELRMENSSGPC 178
 QY 182 LSGSLVSLHCLACGKSLKTPRVGGEASVDSWPMQVSIQYDKOHVCGSILDPHWLTA 241
 DB 179 LSGSLVSLHCLACGKSLKTPRVGGEASVDSWPMQVSIQYDKOHVCGSILDPHWLTA 238
 QY 242 AHCRKHTDVNMKVRASDGLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
 DB 239 AHCRKHTDVNMKVRASDGLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
 QY 302 GTVRPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 361
 DB 299 GTVRPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 358
 QY 362 GEVTEKMMCAGIPREGVDTCQDSGGLMYOSDQMHVVGIVSWGCGGSPSTPGYTTYS 421
 DB 359 GEVTEKMMCAGIPREGVDTCQDSGGLMYOSDQMHVVGIVSWGCGGSPSTPGYTTYS 418
 QY 422 AYLMWIVVMKRAEL 435
 DB 419 AYLMWIVVMKRAEL 432

RESULT 103

US-10-013-912A-275
 Sequence 275, Application US/10013912A

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Baton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin J.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: P2830P1C32
 CURRENT APPLICATION NUMBER: US/10/013,912A
 CURRENT FILING DATE: 2001-12-10
 PRIOR APPLICATION NUMBER: 60/098716
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098723
 PRIOR FILING DATE: 1998-09-01

PRIOR APPLICATION NUMBER: 60/098749
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098750
 PRIOR FILING DATE: 1998-09-01
 PRIOR APPLICATION NUMBER: 60/098803
 PRIOR FILING DATE: 1998-09-02
 PRIOR APPLICATION NUMBER: 60/098821
 PRIOR FILING DATE: 1998-09-02
 PRIOR APPLICATION NUMBER: 60/098843
 PRIOR FILING DATE: 1998-09-02
 PRIOR APPLICATION NUMBER: 60/099536
 PRIOR FILING DATE: 1998-09-09
 PRIOR APPLICATION NUMBER: 60/099596
 PRIOR FILING DATE: 1998-09-09
 PRIOR APPLICATION NUMBER: 60/099598
 Remaining Prior Application data removed - See File Wrapper or PALM.
 SEQ ID NO 275
 LENGTH: 432
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-013-912A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSDDPLNSLDVPRKRPRIPIIIMETFRKVGIPITIIALISLIIIVVLLIVIIIDKYYFL 61
 DB 4 DPDSDDPLNSLDVPRKRPRIPIIIMETFRKVGIPITIIALISLIIIVVLLIVIIIDKYYFL 63
 QY 62 CGOPLHPIPRKQCDGELDCPLGDEDEHCYKSPREGPAVAVRLSKDSTTQVLSATGNW 121
 DB 64 CGOPLHPIPRKQCDGELDCPLGDEDEHCYKSPREGPAVAVRLSKDSTTQVLSATGNW 123
 QY 122 FSACFDNTEALAEATACRQMGYSKPTFRAVEIGPDODLVEITENSQELRMENSSGPC 181
 DB 124 FSACFDNTEALAEATACRQMGYS-----RAVEIGPDODLVEITENSQELRMENSSGPC 178
 QY 182 LSGSLVSLHCLACGKSLKTPRVGGEASVDSWPMQVSIQYDKOHVCGSILDPHWLTA 241
 DB 179 LSGSLVSLHCLACGKSLKTPRVGGEASVDSWPMQVSIQYDKOHVCGSILDPHWLTA 238
 QY 242 AHCRKHTDVNMKVRASDGLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
 DB 239 AHCRKHTDVNMKVRASDGLGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
 QY 302 GTVRPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 361
 DB 299 GTVRPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 358
 QY 362 GEVTEKMMCAGIPREGVDTCQDSGGLMYOSDQMHVVGIVSWGCGGSPSTPGYTTYS 421
 DB 359 GEVTEKMMCAGIPREGVDTCQDSGGLMYOSDQMHVVGIVSWGCGGSPSTPGYTTYS 418
 QY 422 AYLMWIVVMKRAEL 435
 DB 419 AYLMWIVVMKRAEL 432

RESULT 104

US-10-013-913A-275
 Sequence 275, Application US/10013913A

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Baton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Goddard, Audrey

```

; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C40
; CURRENT APPLICATION NUMBER: US/10/013.913A
; PRIORITY FILING DATE: 2002-07-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-013-913A-275
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Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;
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QY 2 DPDSDDPLNSLDVKKPKRPRIPMETFRKVGIPPIIITLSTASIIIVVLIKVIIDKXYFL 61
DB 4 DPDSDDPLNSLDVKKPKRPRIPMETFRKVGIPPIIITLSTASIIIVVLIKVIIDKXYFL 63
QY 62 CGQPLHFIPRKQICDELDCPLGEDEHCVKSPFGPAVAVLSKDRSTLQVLDSATGNW 121
DB 64 CGQPLHFIPRKQICDELDCPLGEDEHCVKSPFGPAVAVLSKDRSTLQVLDSATGNW 123
QY 122 FSACPNFTFALAEATACRQMGYSKPTFPAVEIGPDQDLDVVEITENSQELRMNNSGPG 181
DB 124 FSACPNFTFALAEATACRQMGYSKPTFPAVEIGPDQDLDVVEITENSQELRMNNSGPG 178
QY 182 LSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPQVSIQYDKQHVCGSILDPHWLTA 241
DB 179 LSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPQVSIQYDKQHVCGSILDPHWLTA 238
QY 242 AHCFRKHDTVFNWKTRAGSDKLGSPSLAVAKIIIEFNPMYPKXNDIALMKLOPPLTFS 301
DB 239 AHCFRKHDTVFNWKTRAGSDKLGSPSLAVAKIIIEFNPMYPKXNDIALMKLOPPLTFS 298
QY 302 GTVRPICLPFDEELTPATPLMIIGWFTKONGKMSDILLQASVQYIDSTRCAADAYQ 361
DB 299 GTVRPICLPFDEELTPATPLMIIGWFTKONGKMSDILLQASVQYIDSTRCAADAYQ 358
QY 362 GEVTEKMKCAGIPRGGVDTCCGDSGGLMYQSDQMHVVGIVSWGCGGSGSTGVTYKVS 421
DB 359 GEVTEKMKCAGIPRGGVDTCCGDSGGLMYQSDQMHVVGIVSWGCGGSGSTGVTYKVS 418
QY 422 AYLMNIYVWKAEL 435
DB 419 AYLMNIYVWKAEL 432
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RESULT 105
US-10-013-915A-275
; Sequence 275, Application US/10013915A
; GENERAL INFORMATION:
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; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
```

```

; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C37
; CURRENT APPLICATION NUMBER: US/10/013.915A
; PRIORITY FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-013-915A-275
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Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;
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QY 2 DPDSDDPLNSLDVKKPKRPRIPMETFRKVGIPPIIITLSTASIIIVVLIKVIIDKXYFL 61
DB 4 DPDSDDPLNSLDVKKPKRPRIPMETFRKVGIPPIIITLSTASIIIVVLIKVIIDKXYFL 63
QY 62 CGQPLHFIPRKQICDELDCPLGEDEHCVKSPFGPAVAVLSKDRSTLQVLDSATGNW 121
DB 64 CGQPLHFIPRKQICDELDCPLGEDEHCVKSPFGPAVAVLSKDRSTLQVLDSATGNW 123
QY 122 FSACPNFTFALAEATACRQMGYSKPTFPAVEIGPDQDLDVVEITENSQELRMNNSGPG 181
DB 124 FSACPNFTFALAEATACRQMGYSKPTFPAVEIGPDQDLDVVEITENSQELRMNNSGPG 178
QY 182 LSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPQVSIQYDKQHVCGSILDPHWLTA 241
DB 179 LSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPQVSIQYDKQHVCGSILDPHWLTA 238
QY 242 AHCFRKHDTVFNWKTRAGSDKLGSPSLAVAKIIIEFNPMYPKXNDIALMKLOPPLTFS 301
DB 239 AHCFRKHDTVFNWKTRAGSDKLGSPSLAVAKIIIEFNPMYPKXNDIALMKLOPPLTFS 298
QY 302 GTVRPICLPFDEELTPATPLMIIGWFTKONGKMSDILLQASVQYIDSTRCAADAYQ 361
DB 299 GTVRPICLPFDEELTPATPLMIIGWFTKONGKMSDILLQASVQYIDSTRCAADAYQ 358
QY 362 GEVTEKMKCAGIPRGGVDTCCGDSGGLMYQSDQMHVVGIVSWGCGGSGSTGVTYKVS 421
DB 359 GEVTEKMKCAGIPRGGVDTCCGDSGGLMYQSDQMHVVGIVSWGCGGSGSTGVTYKVS 418
QY 422 AYLMNIYVWKAEL 435
DB 419 AYLMNIYVWKAEL 432
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```

RESULT 106
US-10-015-385A-275
; Sequence 275, Application US/10015385A
; GENERAL INFORMATION:
```

```

; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Pan, James
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C51
; CURRENT APPLICATION NUMBER: US/10/015.385A
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CURRENT FILING DATE: 2002-07-25
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 477
 SEQ ID NO 275
 LENGTH: 432
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-015-385A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSOPLNSLDVPRKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKKYFL 61
 DB 4 DPDSOPLNSLDVPRKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKKYFL 63
 QY 62 CGOPLHFIIPRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 121
 DB 64 CGOPLHFIIPRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 123
 QY 122 FSACFDNFTETALAEATACRQMGYSKPTFRAVEIGPDODLVEITENSQELRMENSSGPC 181
 DB 124 FSACFDNFTETALAEATACRQMGYSKPTFRAVEIGPDODLVEITENSQELRMENSSGPC 178
 QY 182 LSGSLVSLHCLACGSKSLTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSILDPHMYLTA 241
 DB 179 LSGSLVSLHCLACGSKSLTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSILDPHMYLTA 238
 QY 242 AHCRKHTDVNMKVRAGSDKLSFSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 301
 DB 239 AHCRKHTDVNMKVRAGSDKLSFSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 298
 QY 302 GTVAPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCANADAYQ 361
 DB 299 GTVAPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCANADAYQ 358
 QY 362 GEYTERKMCAGIPREGVDTCCGDSGGLPMYOSDQMHVGVISWGYGCGSPSTPGVYTKVS 421
 DB 359 GEYTERKMCAGIPREGVDTCCGDSGGLPMYOSDQMHVGVISWGYGCGSPSTPGVYTKVS 418
 QY 422 AYLMNIVVMKREL 435
 DB 419 AYLMNIVVMKREL 432

RESULT 107
 US-10-015-386A-275
 Sequence 275, Application US/10015386A

GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Deenoyers, Luc
 APPLICANT: Eaton, Dan I.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P2830PIC55
 CURRENT FILING DATE: 2001-12-12
 CURRENT APPLICATION NUMBER: US/10/015,386A
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 477
 SEQ ID NO 275
 LENGTH: 432

TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-015-386A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSOPLNSLDVPRKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKKYFL 61
 DB 4 DPDSOPLNSLDVPRKPRIPMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKKYFL 63
 QY 62 CGOPLHFIIPRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 121
 DB 64 CGOPLHFIIPRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 123
 QY 122 FSACFDNFTETALAEATACRQMGYSKPTFRAVEIGPDODLVEITENSQELRMENSSGPC 181
 DB 124 FSACFDNFTETALAEATACRQMGYSKPTFRAVEIGPDODLVEITENSQELRMENSSGPC 178
 QY 182 LSGSLVSLHCLACGSKSLTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSILDPHMYLTA 241
 DB 179 LSGSLVSLHCLACGSKSLTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSILDPHMYLTA 238
 QY 242 AHCRKHTDVNMKVRAGSDKLSFSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 301
 DB 239 AHCRKHTDVNMKVRAGSDKLSFSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 298
 QY 302 GTVAPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCANADAYQ 361
 DB 299 GTVAPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCANADAYQ 358
 QY 362 GEYTERKMCAGIPREGVDTCCGDSGGLPMYOSDQMHVGVISWGYGCGSPSTPGVYTKVS 421
 DB 359 GEYTERKMCAGIPREGVDTCCGDSGGLPMYOSDQMHVGVISWGYGCGSPSTPGVYTKVS 418
 QY 422 AYLMNIVVMKREL 435
 DB 419 AYLMNIVVMKREL 432

RESULT 108
 US-10-015-387A-275
 Sequence 275, Application US/10015387A

GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Deenoyers, Luc
 APPLICANT: Eaton, Dan I.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P2830PIC54
 CURRENT FILING DATE: 2001-12-12
 CURRENT APPLICATION NUMBER: US/10/015,387A
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 477
 SEQ ID NO 275
 LENGTH: 432
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-015-387A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;

Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVLIKYLIDKYYFL 61
Db 4 DPDSQPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVLIKYLIDKYYFL 63
QY 62 CGQPLHFIIPRKQCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKORSTLQVLD SATGNW 121
Db 64 CGQPLHFIIPRKQCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKORSTLQVLD SATGNW 123
QY 122 PSACFDNFTALMTAARQMGYSKPTFAVEIGPDDLDVAVITENSQELRRNSGPGC 181
Db 124 PSACFDNFTALMTAARQMGYSKPTFAVEIGPDDLDVAVITENSQELRRNSGPGC 178
QY 182 LSGSLVSLHCLACGSKSLKTPRVVGGEBASVDSWPMQVSIQYDKQHCYKSGSIIDPHVLT 241
Db 179 LSGSLVSLHCLACGSKSLKTPRVVGGEBASVDSWPMQVSIQYDKQHCYKSGSIIDPHVLT 238
QY 242 AHCFRKHITDVFNKVRAGSDKGSFSLAVAKIIIEFNPMYPKNDIALMLQPLTFS 301
Db 239 AHCFRKHITDVFNKVRAGSDKGSFSLAVAKIIIEFNPMYPKNDIALMLQPLTFS 298
QY 302 GTVRPCLPFDEBELTPATPLMTIGWFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 361
Db 299 GTVRPCLPFDEBELTPATPLMTIGWFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 358
QY 362 GEVTEKMCAGIPFEGVDTCQDSSGGLMYOSDOMHVGIYSWGYGCCGPTPGYTTVS 421
Db 359 GEVTEKMCAGIPFEGVDTCQDSSGGLMYOSDOMHVGIYSWGYGCCGPTPGYTTVS 418
QY 422 AYLNMTYNNWKAEL 435
Db 419 AYLNMTYNNWKAEL 432

RESULT 109

US-10-015-388A-275
; Sequence 275, Application US/10015388A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C44
; CURRENT APPLICATION NUMBER: US/10/015,388A
; PRIOR FILING DATE: 2002-07-15
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-015-388A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVLIKYLIDKYYFL 61
Db 64 CGQPLHFIIPRKQCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKORSTLQVLD SATGNW 123

Db 4 DPDSQPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVLIKYLIDKYYFL 63

QY 62 CGQPLHFIIPRKQCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKORSTLQVLD SATGNW 121
Db 64 CGQPLHFIIPRKQCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKORSTLQVLD SATGNW 123
QY 122 PSACFDNFTALMTAARQMGYSKPTFAVEIGPDDLDVAVITENSQELRRNSGPGC 181
Db 124 PSACFDNFTALMTAARQMGYSKPTFAVEIGPDDLDVAVITENSQELRRNSGPGC 178
QY 182 LSGSLVSLHCLACGSKSLKTPRVVGGEBASVDSWPMQVSIQYDKQHCYKSGSIIDPHVLT 241
Db 179 LSGSLVSLHCLACGSKSLKTPRVVGGEBASVDSWPMQVSIQYDKQHCYKSGSIIDPHVLT 238
QY 242 AHCFRKHITDVFNKVRAGSDKGSFSLAVAKIIIEFNPMYPKNDIALMLQPLTFS 301
Db 239 AHCFRKHITDVFNKVRAGSDKGSFSLAVAKIIIEFNPMYPKNDIALMLQPLTFS 298
QY 302 GTVRPCLPFDEBELTPATPLMTIGWFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 361
Db 299 GTVRPCLPFDEBELTPATPLMTIGWFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 358
QY 362 GEVTEKMCAGIPFEGVDTCQDSSGGLMYOSDOMHVGIYSWGYGCCGPTPGYTTVS 421
Db 359 GEVTEKMCAGIPFEGVDTCQDSSGGLMYOSDOMHVGIYSWGYGCCGPTPGYTTVS 418
QY 422 AYLNMTYNNWKAEL 435
Db 419 AYLNMTYNNWKAEL 432

RESULT 110

US-10-015-390A-275
; Sequence 275, Application US/10015390A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C53
; CURRENT APPLICATION NUMBER: US/10/015,390A
; PRIOR FILING DATE: 2002-07-15
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-015-390A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVLIKYLIDKYYFL 61
Db 4 DPDSQPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVLIKYLIDKYYFL 63
QY 62 CGQPLHFIIPRKQCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKORSTLQVLD SATGNW 121
Db 64 CGQPLHFIIPRKQCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKORSTLQVLD SATGNW 123

QY 122 PSACFNDTEALAEATACROMGYSSKPTFRAYEIGPDODLVEITENSQELRMNSSGPC 181
124 PSACFNDTEALAEATACROMGYSSKPTFRAYEIGPDODLVEITENSQELRMNSSGPC 178
DB 182 LSGSLVSLHCLACGSKSLTPRVVGGEEBASVDSPWQVSIQYDKOHVCGSLIDPHWVTLA 241
179 LSGSLVSLHCLACGSKSLTPRVVGGEEBASVDSPWQVSIQYDKOHVCGSLIDPHWVTLA 238
QY 242 AHCRKHTDVNWKVRAGSDKLSFPSLAVALKIIIEFNPMYPRKNDIALMKLOPPLTFS 301
239 AHCRKHTDVNWKVRAGSDKLSFPSLAVALKIIIEFNPMYPRKNDIALMKLOPPLTFS 298
DB 302 GTVPRICTLPFDELTPTPLMIIGMGFTKONGKMSDILLQASVQVIDSTRCANADAYQ 361
299 GTVPRICTLPFDELTPTPLMIIGMGFTKONGKMSDILLQASVQVIDSTRCANADAYQ 358
QY 362 GEVTERKMMACGIPBGQVDTCCGDSGGLMYQSDQMHVVGIVSMGCGGSPSTPGVYTVS 421
DB 359 GEVTERKMMACGIPBGQVDTCCGDSGGLMYQSDQMHVVGIVSMGCGGSPSTPGVYTVS 418
QY 422 AYLNWYVWVWKAEL 435
DB 419 AYLNWYVWVWKAEL 432

RESULT 111

US-10-015-391A-275

; Sequence 275, Application US/10015391A

; GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PIC59
CURRENT APPLICATION NUMBER: US/10/015,391A
CURRENT FILING DATE: 2001-12-12
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 275
LENGTH: 432
TYPE: PRT
ORGANISM: Homo sapiens
US-10-015-391A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;

Best Local Similarity 98.8%; Pred. No. 7,4e-216;

Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSOPLNSLDVVKPKRRIRIMETFRKYGIPITILASLGGIIIVYLKTYLTKYPL 61
DB 4 DPDSOPLNSLDVVKPKRRIRIMETFRKYGIPITILASLGGIIIVYLKTYLTKYPL 63
QY 62 CGOPLHFRIRKQICDDELCPGLGEDEBEHCYKSPFEGPAAVAVRLSKDRSTLQVLDATGM 121
DB 64 CGOPLHFRIRKQICDDELCPGLGEDEBEHCYKSPFEGPAAVAVRLSKDRSTLQVLDATGM 123
QY 122 PSACFNDTEALAEATACROMGYSSKPTFRAYEIGPDODLVEITENSQELRMNSSGPC 181
DB 124 PSACFNDTEALAEATACROMGYSSKPTFRAYEIGPDODLVEITENSQELRMNSSGPC 178

QY 182 LSGSLVSLHCLACGSKSLTPRVVGGEEBASVDSPWQVSIQYDKOHVCGSLIDPHWVTLA 241
DB 179 LSGSLVSLHCLACGSKSLTPRVVGGEEBASVDSPWQVSIQYDKOHVCGSLIDPHWVTLA 238
QY 242 AHCRKHTDVNWKVRAGSDKLSFPSLAVALKIIIEFNPMYPRKNDIALMKLOPPLTFS 301
DB 239 AHCRKHTDVNWKVRAGSDKLSFPSLAVALKIIIEFNPMYPRKNDIALMKLOPPLTFS 298
QY 302 GTVPRICTLPFDELTPTPLMIIGMGFTKONGKMSDILLQASVQVIDSTRCANADAYQ 361
DB 299 GTVPRICTLPFDELTPTPLMIIGMGFTKONGKMSDILLQASVQVIDSTRCANADAYQ 358
QY 362 GEVTERKMMACGIPBGQVDTCCGDSGGLMYQSDQMHVVGIVSMGCGGSPSTPGVYTVS 421
DB 359 GEVTERKMMACGIPBGQVDTCCGDSGGLMYQSDQMHVVGIVSMGCGGSPSTPGVYTVS 418
QY 422 AYLNWYVWVWKAEL 435
DB 419 AYLNWYVWVWKAEL 432

RESULT 112

US-10-015-392A-275

; Sequence 275, Application US/10015392A

; GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PIC58
CURRENT APPLICATION NUMBER: US/10/015,392A
CURRENT FILING DATE: 2001-12-12
Prior Application removed - See File Wrapper or Palm
Prior Application Number: 60/098716
Prior Filing Date: 1998-09-01
Prior Application Number: 60/098723
Prior Filing Date: 1998-09-01
Prior Application Number: 60/098749
Prior Filing Date: 1998-09-01
Prior Application Number: 60/098750
Prior Filing Date: 1998-09-01
Prior Application Number: 60/098803
Prior Filing Date: 1998-09-02
Prior Application Number: 60/098821
Prior Filing Date: 1998-09-02
Prior Application Number: 60/098843
Prior Filing Date: 1998-09-02
Prior Application Number: 60/099536
Prior Filing Date: 1998-09-09
Prior Application Number: 60/099596
Prior Filing Date: 1998-09-09
Prior Application Number: 60/099598
Prior Filing Date: 1998-09-09
Remaining Prior Application data removed - See File Wrapper or Palm.
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 275
LENGTH: 432
TYPE: PRT
ORGANISM: Homo sapiens
US-10-015-392A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;

Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVYKPLKPRIPMETFRKVGIPITIIALLSLASTIIIVVLTKVILDKYFL 61
Db 4 DPDSQPLNSLDVYKPLKPRIPMETFRKVGIPITIIALLSLASTIIIVVLTKVILDKYFL 63

QY 62 CGOPLHPIPRKQLCDGELDCPLGEDEHCVKSPFEGPAAVAVRLSKDRSTLQVLDSATGNW 121
Db 64 CGOPLHPIPRKQLCDGELDCPLGEDEHCVKSPFEGPAAVAVRLSKDRSTLQVLDSATGNW 123

QY 122 FSACFDNFTALAEATACROMGSSKPTFAVEIGPDDLDVVEITENSQELMRNSSGPC 181
Db 124 FSACFDNFTALAEATACROMGSSKPTFAVEIGPDDLDVVEITENSQELMRNSSGPC 178

QY 182 LSGSLVSLHCLACGSKLKTFRVVGGEASVDSMPQVSIQYDKQHVCGSILDPHVLTA 241
Db 179 LSGSLVSLHCLACGSKLKTFRVVGGEASVDSMPQVSIQYDKQHVCGSILDPHVLTA 238

QY 242 AHCFRKHITDVFNKVRASGDKLGSFSLAVAKITIIIEPNMYPKNDIALMKLOPLTF 301
Db 239 AHCFRKHITDVFNKVRASGDKLGSFSLAVAKITIIIEPNMYPKNDIALMKLOPLTF 298

QY 302 GTVRPILCPFFDEBLTPATPLMTIIGWFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 361
Db 299 GTVRPILCPFFDEBLTPATPLMTIIGWFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 358

QY 362 GEVTERKMCAGIPBEGVDTCCGDSGGLMTYOSDQMHVTVISWVGCGGPGSTPVYTKVS 421
Db 359 GEVTERKMCAGIPBEGVDTCCGDSGGLMTYOSDQMHVTVISWVGCGGPGSTPVYTKVS 418

QY 422 AYLNMIYVWKAE 435
Db 419 AYLNMIYVWKAE 432

RESULT 113
US-10-015-394A-275
Sequence 275, Application US/10015394A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C41
CURRENT APPLICATION NUMBER: US/10/015.394A
PRIOR FILING DATE: 2001-12-11
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02

PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 275
LENGTH: 432
TYPE: PRT
ORGANISM: Homo sapiens
US-10-015-394A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVYKPLKPRIPMETFRKVGIPITIIALLSLASTIIIVVLTKVILDKYFL 61
Db 4 DPDSQPLNSLDVYKPLKPRIPMETFRKVGIPITIIALLSLASTIIIVVLTKVILDKYFL 63

QY 62 CGOPLHPIPRKQLCDGELDCPLGEDEHCVKSPFEGPAAVAVRLSKDRSTLQVLDSATGNW 121
Db 64 CGOPLHPIPRKQLCDGELDCPLGEDEHCVKSPFEGPAAVAVRLSKDRSTLQVLDSATGNW 123

QY 122 FSACFDNFTALAEATACROMGSSKPTFAVEIGPDDLDVVEITENSQELMRNSSGPC 181
Db 124 FSACFDNFTALAEATACROMGSSKPTFAVEIGPDDLDVVEITENSQELMRNSSGPC 178

QY 182 LSGSLVSLHCLACGSKLKTFRVVGGEASVDSMPQVSIQYDKQHVCGSILDPHVLTA 241
Db 179 LSGSLVSLHCLACGSKLKTFRVVGGEASVDSMPQVSIQYDKQHVCGSILDPHVLTA 238

QY 242 AHCFRKHITDVFNKVRASGDKLGSFSLAVAKITIIIEPNMYPKNDIALMKLOPLTF 301
Db 239 AHCFRKHITDVFNKVRASGDKLGSFSLAVAKITIIIEPNMYPKNDIALMKLOPLTF 298

QY 302 GTVRPILCPFFDEBLTPATPLMTIIGWFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 361
Db 299 GTVRPILCPFFDEBLTPATPLMTIIGWFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 358

QY 362 GEVTERKMCAGIPBEGVDTCCGDSGGLMTYOSDQMHVTVISWVGCGGPGSTPVYTKVS 421
Db 359 GEVTERKMCAGIPBEGVDTCCGDSGGLMTYOSDQMHVTVISWVGCGGPGSTPVYTKVS 418

QY 422 AYLNMIYVWKAE 435
Db 419 AYLNMIYVWKAE 432

RESULT 114
US-10-015-395A-275
Sequence 275, Application US/10015395A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C57
CURRENT APPLICATION NUMBER: US/10/015.395A


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; CURRENT FILING DATE: 2001-12-12
; Prior application removed - See file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-015-480A-275

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPLKRPRIIPMETFRKVGIPITIALSLASIIIVVILKIVLIDKYFL 61
DB 4 DPDSQPLNSLDVPLKRPRIIPMETFRKVGIPITIALSLASIIIVVILKIVLIDKYFL 63
QY 62 CGQPLHPIPRKQDCGELDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLSATGNW 121
DB 64 CGQPLHPIPRKQDCGELDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLSATGNW 123
QY 122 FSACFDNFTALATACRQMGYSKPTFRVAVEIGPDQDLDVVEITENSQELMRNSGPGC 181
DB 124 FSACFDNFTALATACRQMGYSKPTFRVAVEIGPDQDLDVVEITENSQELMRNSGPGC 178
QY 182 LSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSILDPHMVLT 241
DB 179 LSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSILDPHMVLT 238
QY 242 AHCFRKHDTVNMKVRAGSDKLGSPSLAVAKIIIEFNPMYPKNDIALMKLQPLTF 301
DB 239 AHCFRKHDTVNMKVRAGSDKLGSPSLAVAKIIIEFNPMYPKNDIALMKLQPLTF 298
QY 302 GTVRPICLPFDEBELTPATPLMIIGWGTCKONGKMSDILLQASVQVIDSTRCNADDAVQ 361
DB 299 GTVRPICLPFDEBELTPATPLMIIGWGTCKONGKMSDILLQASVQVIDSTRCNADDAVQ 358
QY 362 GEVTERKMCAGIPBSGVVTCQDSSGGLMYOSDOMHVVGIVSMGCGGSPSTPGYTTKVS 421
DB 359 GEVTERKMCAGIPBSGVVTCQDSSGGLMYOSDOMHVVGIVSMGCGGSPSTPGYTTKVS 418
QY 422 AYLNMIYVWKRAEL 435
DB 419 AYLNMIYVWKRAEL 432

RESULT 115
US-10-015-480A-275
; Sequence 275, Application US/10015480A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C50
; CURRENT APPLICATION NUMBER: US/10/015,480A
; CURRENT FILING DATE: 2002-06-25
; Prior application removed - See file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
```

```

; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-015-480A-275

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPLKRPRIIPMETFRKVGIPITIALSLASIIIVVILKIVLIDKYFL 61
DB 4 DPDSQPLNSLDVPLKRPRIIPMETFRKVGIPITIALSLASIIIVVILKIVLIDKYFL 63
QY 62 CGQPLHPIPRKQDCGELDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLSATGNW 121
DB 64 CGQPLHPIPRKQDCGELDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLSATGNW 123
QY 122 FSACFDNFTALATACRQMGYSKPTFRVAVEIGPDQDLDVVEITENSQELMRNSGPGC 181
DB 124 FSACFDNFTALATACRQMGYSKPTFRVAVEIGPDQDLDVVEITENSQELMRNSGPGC 178
QY 182 LSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSILDPHMVLT 241
DB 179 LSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSILDPHMVLT 238
QY 242 AHCFRKHDTVNMKVRAGSDKLGSPSLAVAKIIIEFNPMYPKNDIALMKLQPLTF 301
DB 239 AHCFRKHDTVNMKVRAGSDKLGSPSLAVAKIIIEFNPMYPKNDIALMKLQPLTF 298
QY 302 GTVRPICLPFDEBELTPATPLMIIGWGTCKONGKMSDILLQASVQVIDSTRCNADDAVQ 361
DB 299 GTVRPICLPFDEBELTPATPLMIIGWGTCKONGKMSDILLQASVQVIDSTRCNADDAVQ 358
QY 362 GEVTERKMCAGIPBSGVVTCQDSSGGLMYOSDOMHVVGIVSMGCGGSPSTPGYTTKVS 421
DB 359 GEVTERKMCAGIPBSGVVTCQDSSGGLMYOSDOMHVVGIVSMGCGGSPSTPGYTTKVS 418
QY 422 AYLNMIYVWKRAEL 435
DB 419 AYLNMIYVWKRAEL 432

RESULT 116
US-10-015-499A-275
; Sequence 275, Application US/10015499A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C42
; CURRENT APPLICATION NUMBER: US/10/015,499A
; CURRENT FILING DATE: 2001-12-11
; Prior application removed - See file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-015-499A-275

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
```

Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```

QY 2 DPDSQPLNSLDVXPKRRIIPMETFRKVGIPITIALSLASIIIVVLIKVLDKXYFL 61
Db 4 DPDSQPLNSLDVXPKRRIIPMETFRKVGIPITIALSLASIIIVVLIKVLDKXYFL 63
QY 62 CGOPLHPIPRKQDCGELDCPLGDEBEHCYKSPPEGPAVAVRLSKORSTLQVLDATGMW 121
Db 64 CGOPLHPIPRKQDCGELDCPLGDEBEHCYKSPPEGPAVAVRLSKORSTLQVLDATGMW 123
QY 122 FSACFDNTEALATACRQNGYSKPTFRVVEIGPDODLVVEITENSQELRNNSGPGC 181
Db 124 FSACFDNTEALATACRQNGYSKPTFRVVEIGPDODLVVEITENSQELRNNSGPGC 178
QY 182 LSGSLVSLHCLACGSKSLKTPRVVGGEBASVDSMPQVSIQYDKQHVCGSIIIDPHVLT 241
Db 179 LSGSLVSLHCLACGSKSLKTPRVVGGEBASVDSMPQVSIQYDKQHVCGSIIIDPHVLT 238
QY 242 AHCERKTDVFNMKVRAGSDKLSPPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
Db 239 AHCERKTDVFNMKVRAGSDKLSPPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
QY 302 GTVRPILCPFDEBELPATPLMTIIGWFTKONGKNSDILLQASVQVIDSTRCNADDAVQ 361
Db 299 GTVRPILCPFDEBELPATPLMTIIGWFTKONGKNSDILLQASVQVIDSTRCNADDAVQ 358
QY 362 GEVTEKMCAGIPEGGVDTCCGSDGGPLMYQSDQHVGIYSWGCGGSPSTPGYTYKS 421
Db 359 GEVTEKMCAGIPEGGVDTCCGSDGGPLMYQSDQHVGIYSWGCGGSPSTPGYTYKS 418
QY 422 AYLNMTIYNWKAEL 435
Db 419 AYLNMTIYNWKAEL 432

```

RESULT 117

```

US-10-015-519A-275
; Sequence 275, Application US/10015519A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desmoyers, Luc
; APPLICANT: Baton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C49
; CURRENT APPLICATION NUMBER: US/10/015,519A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-015-519A-275

```

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```

QY 2 DPDSQPLNSLDVXPKRRIIPMETFRKVGIPITIALSLASIIIVVLIKVLDKXYFL 61

```

```

Db 4 DPDSQPLNSLDVXPKRRIIPMETFRKVGIPITIALSLASIIIVVLIKVLDKXYFL 63
QY 62 CGOPLHPIPRKQDCGELDCPLGDEBEHCYKSPPEGPAVAVRLSKORSTLQVLDATGMW 121
Db 64 CGOPLHPIPRKQDCGELDCPLGDEBEHCYKSPPEGPAVAVRLSKORSTLQVLDATGMW 123
QY 122 FSACFDNTEALATACRQNGYSKPTFRVVEIGPDODLVVEITENSQELRNNSGPGC 181
Db 124 FSACFDNTEALATACRQNGYSKPTFRVVEIGPDODLVVEITENSQELRNNSGPGC 178
QY 182 LSGSLVSLHCLACGSKSLKTPRVVGGEBASVDSMPQVSIQYDKQHVCGSIIIDPHVLT 241
Db 179 LSGSLVSLHCLACGSKSLKTPRVVGGEBASVDSMPQVSIQYDKQHVCGSIIIDPHVLT 238
QY 242 AHCERKTDVFNMKVRAGSDKLSPPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
Db 239 AHCERKTDVFNMKVRAGSDKLSPPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
QY 302 GTVRPILCPFDEBELPATPLMTIIGWFTKONGKNSDILLQASVQVIDSTRCNADDAVQ 361
Db 299 GTVRPILCPFDEBELPATPLMTIIGWFTKONGKNSDILLQASVQVIDSTRCNADDAVQ 358
QY 362 GEVTEKMCAGIPEGGVDTCCGSDGGPLMYQSDQHVGIYSWGCGGSPSTPGYTYKS 421
Db 359 GEVTEKMCAGIPEGGVDTCCGSDGGPLMYQSDQHVGIYSWGCGGSPSTPGYTYKS 418
QY 422 AYLNMTIYNWKAEL 435
Db 419 AYLNMTIYNWKAEL 432

```

RESULT 118

```

US-10-015-610A-275
; Sequence 275, Application US/10015610A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desmoyers, Luc
; APPLICANT: Baton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C52
; CURRENT APPLICATION NUMBER: US/10/015,610A
; CURRENT FILING DATE: 2001-12-12
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598

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PRIOR FILING DATE: 1998-09-09
 Remaining Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 477
 SEQ ID NO 275:
 LENGTH: 432
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-015-610A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPLKRPRIPIIIMETFRKVGIPITIALSLASIIIVVLLKVIIDKYYFL 61
 DB 4 DPDSQPLNSLDVPLKRPRIPIIIMETFRKVGIPITIALSLASIIIVVLLKVIIDKYYFL 63
 QY 62 CGOPLHPIPRKQLCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDSTLQVLSATGNW 121
 DB 64 CGOPLHPIPRKQLCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDSTLQVLSATGNW 123
 QY 122 FSACFDNFTALATACRQMGYSKPTFAVEIGPDOLDVVEITENSQELRMENSSGPC 181
 DB 124 FSACFDNFTALATACRQMGYSKPTFAVEIGPDOLDVVEITENSQELRMENSSGPC 178
 QY 182 LSGSLVSLHCLACGKSLKTPRVGGEASVDSWPMQVSIQYDKQHVCGSILDPHVVTLA 241
 DB 179 LSGSLVSLHCLACGKSLKTPRVGGEASVDSWPMQVSIQYDKQHVCGSILDPHVVTLA 238
 QY 242 AHCRKHTDVNMKVRAGSDKLSFPLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
 DB 239 AHCRKHTDVNMKVRAGSDKLSFPLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
 QY 302 GTVPICLPFDEELTPATPLMIIGWFTKONGKMSDILQASQVVIDSTRCNADDAVQ 361
 DB 299 GTVPICLPFDEELTPATPLMIIGWFTKONGKMSDILQASQVVIDSTRCNADDAVQ 358
 QY 362 GEVEKMMKACIPREGGVDTCCGDSGGLMYOSDQMHVGVISWVGCGGPGSTPGVYTKS 421
 DB 359 GEVEKMMKACIPREGGVDTCCGDSGGLMYOSDQMHVGVISWVGCGGPGSTPGVYTKS 418
 QY 422 AYLMWYVWKAEL 435
 DB 419 AYLMWYVWKAEL 432

RESULT 119

US-10-015-653A-275

Sequence 275, Application US/10015653A

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan I.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P2830P1C43
 CURRENT APPLICATION NUMBER: US/10/015,653A
 PRIOR FILING DATE: 2002-06-25
 NUMBER OF SEQ ID NOS: 477
 SEQ ID NO 275
 LENGTH: 432

TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-015-653A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPLKRPRIPIIIMETFRKVGIPITIALSLASIIIVVLLKVIIDKYYFL 61
 DB 4 DPDSQPLNSLDVPLKRPRIPIIIMETFRKVGIPITIALSLASIIIVVLLKVIIDKYYFL 63
 QY 62 CGOPLHPIPRKQLCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDSTLQVLSATGNW 121
 DB 64 CGOPLHPIPRKQLCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKDSTLQVLSATGNW 123
 QY 122 FSACFDNFTALATACRQMGYSKPTFAVEIGPDOLDVVEITENSQELRMENSSGPC 181
 DB 124 FSACFDNFTALATACRQMGYSKPTFAVEIGPDOLDVVEITENSQELRMENSSGPC 178
 QY 182 LSGSLVSLHCLACGKSLKTPRVGGEASVDSWPMQVSIQYDKQHVCGSILDPHVVTLA 241
 DB 179 LSGSLVSLHCLACGKSLKTPRVGGEASVDSWPMQVSIQYDKQHVCGSILDPHVVTLA 238
 QY 242 AHCRKHTDVNMKVRAGSDKLSFPLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
 DB 239 AHCRKHTDVNMKVRAGSDKLSFPLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
 QY 302 GTVPICLPFDEELTPATPLMIIGWFTKONGKMSDILQASQVVIDSTRCNADDAVQ 361
 DB 299 GTVPICLPFDEELTPATPLMIIGWFTKONGKMSDILQASQVVIDSTRCNADDAVQ 358
 QY 362 GEVEKMMKACIPREGGVDTCCGDSGGLMYOSDQMHVGVISWVGCGGPGSTPGVYTKS 421
 DB 359 GEVEKMMKACIPREGGVDTCCGDSGGLMYOSDQMHVGVISWVGCGGPGSTPGVYTKS 418
 QY 422 AYLMWYVWKAEL 435
 DB 419 AYLMWYVWKAEL 432

RESULT 120

US-10-015-715A-275

Sequence 275, Application US/10015715A

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan I.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P2830P1C56
 CURRENT APPLICATION NUMBER: US/10/015,715A
 PRIOR FILING DATE: 2002-06-25
 NUMBER OF SEQ ID NOS: 477
 SEQ ID NO 275
 LENGTH: 432
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-015-715A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;

Best Local Similarity 98.8%; Pred. No. 7.4e-216; Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSDDPLNSLDVYKPKRPRI PMETFRKVGIPITIALSLASITIIYVVLTKVLDKXYFL 61

DB 4 DPDSDDPLNSLDVYKPKRPRI PMETFRKVGIPITIALSLASITIIYVVLTKVLDKXYFL 63

QY 62 CGOPLHFI PRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKORSTLQVLD SATGNW 121

DB 64 CGOPLHFI PRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKORSTLQVLD SATGNW 123

QY 122 FSACDNFTFALTAETACROWGYSKPTFRAVEIGPDDLDVVEITENSGELRMRNSGPGC 181

DB 124 FSACDNFTFALTAETACROWGYSKPTFRAVEIGPDDLDVVEITENSGELRMRNSGPGC 178

QY 182 LSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSMPWQVSIQYDKQHCYKSGSILDPHMYLTA 241

DB 179 LSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSMPWQVSIQYDKQHCYKSGSILDPHMYLTA 238

QY 242 AHCFRKHITDVFNWKVRAGSDKLSFPSLAVAKIIIEFNPMY PKNDIALMKLQFPLTFS 301

DB 239 AHCFRKHITDVFNWKVRAGSDKLSFPSLAVAKIIIEFNPMY PKNDIALMKLQFPLTFS 298

QY 302 GTVAPICLPFDEBELPATPLMTIIGWFTKONGKRSDDLQASVQVIDSTRCNADDAVQ 361

DB 299 GTVAPICLPFDEBELPATPLMTIIGWFTKONGKRSDDLQASVQVIDSTRCNADDAVQ 358

QY 362 GEYTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVGVIVSMGYCGGSPSTPGYTTKVS 421

DB 359 GEYTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVGVIVSMGYCGGSPSTPGYTTKVS 418

QY 422 AYLNMTYNNWKAEL 435

DB 419 AYLNMTYNNWKAEL 432

RESULT 121

US-10-015-822A-275

/ Sequence 275, Application US/10015822A

/ GENERAL INFORMATION:

/ APPLICANT: Baker, Kevin P.

/ APPLICANT: Botstein, David

/ APPLICANT: Desnoyers, Luc

/ APPLICANT: Eaton, Dan I.

/ APPLICANT: Ferrara, Napoleone

/ APPLICANT: Fong, Sherman

/ APPLICANT: Gao, Wei-Qiang

/ APPLICANT: Goddard, Audrey

/ APPLICANT: Godowski, Paul J.

/ APPLICANT: Grimaldi, Christopher J.

/ APPLICANT: Gurney, Austin L.

/ APPLICANT: Hillan, Kenneth J.

/ APPLICANT: Pan, James

/ APPLICANT: Paoni, Nicholas F.

/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

/ FILE REFERENCE: P28301C28

/ CURRENT APPLICATION NUMBER: US/10/015, 822A

/ Prior Application removed - 2002-06-10

/ NUMBER OF SEQ ID NOS: 477

/ SEQ ID NO 275

/ LENGTH: 432

/ TYPE: PRT

/ ORGANISM: Homo sapiens

US-10-015-822A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;

Best Local Similarity 98.8%; Pred. No. 7.4e-216;

Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSDDPLNSLDVYKPKRPRI PMETFRKVGIPITIALSLASITIIYVVLTKVLDKXYFL 61

DB 4 DPDSDDPLNSLDVYKPKRPRI PMETFRKVGIPITIALSLASITIIYVVLTKVLDKXYFL 63

QY 62 CGOPLHFI PRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKORSTLQVLD SATGNW 121

DB 64 CGOPLHFI PRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKORSTLQVLD SATGNW 123

DB 4 DPDSDDPLNSLDVYKPKRPRI PMETFRKVGIPITIALSLASITIIYVVLTKVLDKXYFL 63

QY 62 CGOPLHFI PRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKORSTLQVLD SATGNW 121

DB 64 CGOPLHFI PRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKORSTLQVLD SATGNW 123

QY 122 FSACDNFTFALTAETACROWGYSKPTFRAVEIGPDDLDVVEITENSGELRMRNSGPGC 181

DB 124 FSACDNFTFALTAETACROWGYSKPTFRAVEIGPDDLDVVEITENSGELRMRNSGPGC 178

QY 182 LSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSMPWQVSIQYDKQHCYKSGSILDPHMYLTA 241

DB 179 LSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSMPWQVSIQYDKQHCYKSGSILDPHMYLTA 238

QY 242 AHCFRKHITDVFNWKVRAGSDKLSFPSLAVAKIIIEFNPMY PKNDIALMKLQFPLTFS 301

DB 239 AHCFRKHITDVFNWKVRAGSDKLSFPSLAVAKIIIEFNPMY PKNDIALMKLQFPLTFS 298

QY 302 GTVAPICLPFDEBELPATPLMTIIGWFTKONGKRSDDLQASVQVIDSTRCNADDAVQ 361

DB 299 GTVAPICLPFDEBELPATPLMTIIGWFTKONGKRSDDLQASVQVIDSTRCNADDAVQ 358

QY 362 GEYTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVGVIVSMGYCGGSPSTPGYTTKVS 421

DB 359 GEYTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVGVIVSMGYCGGSPSTPGYTTKVS 418

QY 422 AYLNMTYNNWKAEL 435

DB 419 AYLNMTYNNWKAEL 432

RESULT 122

US-10-015-869A-275

/ Sequence 275, Application US/10015869A

/ GENERAL INFORMATION:

/ APPLICANT: Baker, Kevin P.

/ APPLICANT: Botstein, David

/ APPLICANT: Desnoyers, Luc

/ APPLICANT: Eaton, Dan I.

/ APPLICANT: Ferrara, Napoleone

/ APPLICANT: Fong, Sherman

/ APPLICANT: Gao, Wei-Qiang

/ APPLICANT: Goddard, Audrey

/ APPLICANT: Godowski, Paul J.

/ APPLICANT: Grimaldi, Christopher J.

/ APPLICANT: Gurney, Austin L.

/ APPLICANT: Hillan, Kenneth J.

/ APPLICANT: Pan, James

/ APPLICANT: Paoni, Nicholas F.

/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

/ FILE REFERENCE: P28301C45

/ CURRENT APPLICATION NUMBER: US/10/015, 869A

/ Prior Application removed - 2002-06-25

/ NUMBER OF SEQ ID NOS: 477

/ SEQ ID NO 275

/ LENGTH: 432

/ TYPE: PRT

/ ORGANISM: Homo sapiens

US-10-015-869A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;

Best Local Similarity 98.8%; Pred. No. 7.4e-216;

Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSDDPLNSLDVYKPKRPRI PMETFRKVGIPITIALSLASITIIYVVLTKVLDKXYFL 61

DB 4 DPDSDDPLNSLDVYKPKRPRI PMETFRKVGIPITIALSLASITIIYVVLTKVLDKXYFL 63

QY 62 CGOPLHFI PRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKORSTLQVLD SATGNW 121

DB 64 CGOPLHFI PRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKORSTLQVLD SATGNW 123

```

QY 122 FSACFDNFTALATACRQKSGSKPTFAVEIGPDOLDVVEITENSQELRMENSSGPC 181
D 124 FSACFDNFTALATACRQKSGSKPTFAVEIGPDOLDVVEITENSQELRMENSSGPC 178
QY 182 LSGSLVSLHCLACGSKLTPRVVGEERASVDSWPMQVSIQYDKQHVCGSILDPHMYLTA 241
D 179 LSGSLVSLHCLACGSKLTPRVVGEERASVDSWPMQVSIQYDKQHVCGSILDPHMYLTA 238
QY 242 AHCRKHTDVNMKVRAGSDKLSFPPSLAVAKIIIEFNPMYPKNDIYALMKLOPPLTFS 301
D 239 AHCRKHTDVNMKVRAGSDKLSFPPSLAVAKIIIEFNPMYPKNDIYALMKLOPPLTFS 298
QY 302 GTVPICLPFDEELTPATPLMITIGWFTKONGKMSDILLOASQVVIDSTRCNADDAVQ 361
D 299 GTVPICLPFDEELTPATPLMITIGWFTKONGKMSDILLOASQVVIDSTRCNADDAVQ 358
QY 362 GEVTEKMMKAGIPREGVDTCCGDSGGLPMYOSDQMHVVGIVSWGCGGPGSTPGVYTVS 421
D 359 GEVTEKMMKAGIPREGVDTCCGDSGGLPMYOSDQMHVVGIVSWGCGGPGSTPGVYTVS 418
QY 422 AYLMWIVVMKAEI 435
D 419 AYLMWIVVMKAEI 432

RESULT 123
US-10-017-253A-275
; Sequence 275, Application US/10017253A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Bostein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC62
; CURRENT APPLICATION NUMBER: US/10/017,253A
; CURRENT FILING DATE: 2001-12-13
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See file wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432

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; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-017-253A-275
Query Match
Beat Local Similarity 98.1%; Score 2297.5; DB 30; Length 432;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPLKRPRIPIIPIIILSLASIIIVVLLKVIIDKTYFL 61
D 4 DPDSQPLNSLDVPLKRPRIPIIPIIILSLASIIIVVLLKVIIDKTYFL 63
QY 62 CGQPLHPIPRKQLCDGELDCEPLGDEBHCYKSPFEGAVAVRLSKDSTQLVLSATGNW 121
D 64 CGQPLHPIPRKQLCDGELDCEPLGDEBHCYKSPFEGAVAVRLSKDSTQLVLSATGNW 123
QY 122 FSACFDNFTALATACRQKSGSKPTFAVEIGPDOLDVVEITENSQELRMENSSGPC 181
D 124 FSACFDNFTALATACRQKSGSKPTFAVEIGPDOLDVVEITENSQELRMENSSGPC 178
QY 182 LSGSLVSLHCLACGSKLTPRVVGEERASVDSWPMQVSIQYDKQHVCGSILDPHMYLTA 241
D 179 LSGSLVSLHCLACGSKLTPRVVGEERASVDSWPMQVSIQYDKQHVCGSILDPHMYLTA 238
QY 242 AHCRKHTDVNMKVRAGSDKLSFPPSLAVAKIIIEFNPMYPKNDIYALMKLOPPLTFS 301
D 239 AHCRKHTDVNMKVRAGSDKLSFPPSLAVAKIIIEFNPMYPKNDIYALMKLOPPLTFS 298
QY 302 GTVPICLPFDEELTPATPLMITIGWFTKONGKMSDILLOASQVVIDSTRCNADDAVQ 361
D 299 GTVPICLPFDEELTPATPLMITIGWFTKONGKMSDILLOASQVVIDSTRCNADDAVQ 358
QY 362 GEVTEKMMKAGIPREGVDTCCGDSGGLPMYOSDQMHVVGIVSWGCGGPGSTPGVYTVS 421
D 359 GEVTEKMMKAGIPREGVDTCCGDSGGLPMYOSDQMHVVGIVSWGCGGPGSTPGVYTVS 418
QY 422 AYLMWIVVMKAEI 435
D 419 AYLMWIVVMKAEI 432

RESULT 124
US-10-017-306A-275
; Sequence 275, Application US/10017306A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Bostein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC66
; CURRENT APPLICATION NUMBER: US/10/017,306A
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See file wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-017-306A-275
Query Match
98.1%; Score 2297.5; DB 30; Length 432;

```

Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVYKPKRPIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 61
Db 4 DPDSQPLNSLDVYKPKRPIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 63
QY 62 CGOPLHFIPIRKQICDGLDCEPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 121
Db 64 CGOPLHFIPIRKQICDGLDCEPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 123
QY 122 FSACFNDFTALTAETACROWKYSKPTFRABVEIGPDDLDLVEITENSQELARNSSGPC 181
Db 124 FSACFNDFTALTAETACROWKYSKPTFRABVEIGPDDLDLVEITENSQELARNSSGPC 178
QY 182 LSGSLVSLHCLACGSKSIKTPRVVGGEEASVDSWPMQVSIQYDKQHCYKSIIDPHVAVLA 241
Db 179 LSGSLVSLHCLACGSKSIKTPRVVGGEEASVDSWPMQVSIQYDKQHCYKSIIDPHVAVLA 238
QY 242 AHCFRKHTDVFNKVRASDKLGSFSLAVAKIIIEFNPMYPKNDIALMLQOPPLTFS 301
Db 239 AHCFRKHTDVFNKVRASDKLGSFSLAVAKIIIEFNPMYPKNDIALMLQOPPLTFS 298
QY 302 GTVAPICLPFDEBLTPATPLWIIIGFTKONGKMSDILLQASVQVLDSTRCNADDAVQ 361
Db 299 GTVAPICLPFDEBLTPATPLWIIIGFTKONGKMSDILLQASVQVLDSTRCNADDAVQ 358
QY 362 GEYTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVGVISWGYGCGSPSTPGVYTVS 421
Db 359 GEYTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVGVISWGYGCGSPSTPGVYTVS 418
QY 422 AYLNMTIYNWKAEL 435
Db 419 AYLNMTIYNWKAEL 432

RESULT 125
US-10-017-390A-275
; Sequence 275, Application US/10017390A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C67
; CURRENT APPLICATION NUMBER: US/10/017,390A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-017-390A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVYKPKRPIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 61
Db 4 DPDSQPLNSLDVYKPKRPIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 63

Db 4 DPDSQPLNSLDVYKPKRPIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 63
QY 62 CGOPLHFIPIRKQICDGLDCEPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 121
Db 64 CGOPLHFIPIRKQICDGLDCEPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 123
QY 122 FSACFNDFTALTAETACROWKYSKPTFRABVEIGPDDLDLVEITENSQELARNSSGPC 181
Db 124 FSACFNDFTALTAETACROWKYSKPTFRABVEIGPDDLDLVEITENSQELARNSSGPC 178
QY 182 LSGSLVSLHCLACGSKSIKTPRVVGGEEASVDSWPMQVSIQYDKQHCYKSIIDPHVAVLA 241
Db 179 LSGSLVSLHCLACGSKSIKTPRVVGGEEASVDSWPMQVSIQYDKQHCYKSIIDPHVAVLA 238
QY 242 AHCFRKHTDVFNKVRASDKLGSFSLAVAKIIIEFNPMYPKNDIALMLQOPPLTFS 301
Db 239 AHCFRKHTDVFNKVRASDKLGSFSLAVAKIIIEFNPMYPKNDIALMLQOPPLTFS 298
QY 302 GTVAPICLPFDEBLTPATPLWIIIGFTKONGKMSDILLQASVQVLDSTRCNADDAVQ 361
Db 299 GTVAPICLPFDEBLTPATPLWIIIGFTKONGKMSDILLQASVQVLDSTRCNADDAVQ 358
QY 362 GEYTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVGVISWGYGCGSPSTPGVYTVS 421
Db 359 GEYTERKMCAGIPEGGVDTCCGDSGGPLMYQSDQMHVGVISWGYGCGSPSTPGVYTVS 418
QY 422 AYLNMTIYNWKAEL 435
Db 419 AYLNMTIYNWKAEL 432

RESULT 126
US-10-017-407A-275
; Sequence 275, Application US/10017407A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C61
; CURRENT APPLICATION NUMBER: US/10/017,407A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 275
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-017-407A-275

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVYKPKRPIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 61
Db 4 DPDSQPLNSLDVYKPKRPIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKXYFL 63
QY 62 CGOPLHFIPIRKQICDGLDCEPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 121
Db 64 CGOPLHFIPIRKQICDGLDCEPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 123

QY 122 FSACFNDTEALATACRQKGYSSKPTFRANEIGPDDLDVVEITENSQELRMNSSGPC 181
 DB 124 FSACFNDTEALATACRQKGYSSKPTFRANEIGPDDLDVVEITENSQELRMNSSGPC 178
 QY 182 LSSGLVSLHCLACGSKLTFRVVGGEASVSWMPQVSIQYDKOHVCGSLDPMHVLTA 241
 DB 179 LSSGLVSLHCLACGSKLTFRVVGGEASVSWMPQVSIQYDKOHVCGSLDPMHVLTA 238
 QY 242 AHCRKHTDVNMVKVRAGSDKLGSPSLAVAKIIIEFNPMYKXNDIATLMLKQPLTF 301
 DB 239 AHCRKHTDVNMVKVRAGSDKLGSPSLAVAKIIIEFNPMYKXNDIATLMLKQPLTF 298
 QY 302 GTVRPCLPFDEITPTPTPLMIGWFTKONGKMSDILLQASVQVDSIRCNADDAVQ 361
 DB 299 GTVRPCLPFDEITPTPTPLMIGWFTKONGKMSDILLQASVQVDSIRCNADDAVQ 358
 QY 362 GEVTERKMCAGIPREGVUTCGDSGGLMYOSDQMHVGVISWGVGCGSPSTPGVYTKVS 421
 DB 359 GEVTERKMCAGIPREGVUTCGDSGGLMYOSDQMHVGVISWGVGCGSPSTPGVYTKVS 418
 QY 422 AYLMWYVWMAEL 435
 DB 419 AYLMWYVWMAEL 432
 RESULT 127
 US-10-017-527A-275
 ; Sequence 275. Application US/10017527A
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Bocstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan I.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoli, Nicholas F.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2830PC63
 ; CURRENT APPLICATION NUMBER: US/10/017,527A
 ; CURRENT FILING DATE: 2001-12-13
 ; PRIOR APPLICATION NUMBER: 60/098716
 ; PRIOR FILING DATE: 1998-09-01
 ; PRIOR APPLICATION NUMBER: 60/098723
 ; PRIOR FILING DATE: 1998-09-01
 ; PRIOR APPLICATION NUMBER: 60/098749
 ; PRIOR FILING DATE: 1998-09-01
 ; PRIOR APPLICATION NUMBER: 60/098750
 ; PRIOR FILING DATE: 1998-09-01
 ; PRIOR APPLICATION NUMBER: 60/098803
 ; PRIOR FILING DATE: 1998-09-02
 ; PRIOR APPLICATION NUMBER: 60/098821
 ; PRIOR FILING DATE: 1998-09-02
 ; PRIOR APPLICATION NUMBER: 60/098843
 ; PRIOR FILING DATE: 1998-09-02
 ; PRIOR APPLICATION NUMBER: 60/099536
 ; PRIOR FILING DATE: 1998-09-09
 ; PRIOR APPLICATION NUMBER: 60/099596
 ; PRIOR FILING DATE: 1998-09-09
 ; PRIOR APPLICATION NUMBER: 60/099598
 ; PRIOR FILING DATE: 1998-09-09
 ; PRIOR APPLICATION NUMBER: 60/099602
 ; PRIOR FILING DATE: 1998-09-09
 ; PRIOR APPLICATION NUMBER: 60/099642
 ; PRIOR FILING DATE: 1998-09-09

; PRIOR APPLICATION NUMBER: 60/099741
 ; PRIOR FILING DATE: 1998-09-10
 ; PRIOR APPLICATION NUMBER: 60/099754
 ; PRIOR FILING DATE: 1998-09-10
 ; PRIOR APPLICATION NUMBER: 60/099763
 ; PRIOR FILING DATE: 1998-09-10
 ; PRIOR APPLICATION NUMBER: 60/099792
 ; PRIOR FILING DATE: 1998-09-10
 ; PRIOR APPLICATION NUMBER: 60/099808
 ; PRIOR FILING DATE: 1998-09-10
 ; PRIOR APPLICATION NUMBER: 60/099812
 ; PRIOR FILING DATE: 1998-09-10
 ; PRIOR APPLICATION NUMBER: 60/099815
 ; PRIOR FILING DATE: 1998-09-10
 ; PRIOR APPLICATION NUMBER: 60/099816
 ; PRIOR FILING DATE: 1998-09-10
 ; PRIOR APPLICATION NUMBER: 60/100385
 ; PRIOR FILING DATE: 1998-09-15
 ; PRIOR APPLICATION NUMBER: 60/100388
 ; PRIOR FILING DATE: 1998-09-15
 ; PRIOR APPLICATION NUMBER: 60/100390
 ; PRIOR FILING DATE: 1998-09-15
 ; PRIOR APPLICATION NUMBER: 60/100584
 ; PRIOR FILING DATE: 1998-09-16
 ; PRIOR APPLICATION NUMBER: 60/100627
 ; PRIOR FILING DATE: 1998-09-16
 ; PRIOR APPLICATION NUMBER: 60/100661
 ; PRIOR FILING DATE: 1998-09-16
 ; PRIOR APPLICATION NUMBER: 60/100662
 ; PRIOR FILING DATE: 1998-09-16
 ; PRIOR APPLICATION NUMBER: 60/100664
 ; PRIOR FILING DATE: 1998-09-16
 ; PRIOR APPLICATION NUMBER: 60/100683
 ; PRIOR FILING DATE: 1998-09-17
 ; PRIOR APPLICATION NUMBER: 60/100684
 ; PRIOR FILING DATE: 1998-09-17
 ; PRIOR APPLICATION NUMBER: 60/100710
 ; PRIOR FILING DATE: 1998-09-17
 ; PRIOR APPLICATION NUMBER: 60/100711
 ; PRIOR FILING DATE: 1998-09-17
 ; PRIOR APPLICATION NUMBER: 60/100848
 ; PRIOR FILING DATE: 1998-09-18
 ; PRIOR APPLICATION NUMBER: 60/100849
 ; PRIOR FILING DATE: 1998-09-18
 ; PRIOR APPLICATION NUMBER: 60/100919
 ; PRIOR FILING DATE: 1998-09-17
 ; PRIOR APPLICATION NUMBER: 60/100930
 ; PRIOR FILING DATE: 1998-09-17
 ; PRIOR APPLICATION NUMBER: 60/101014
 ; PRIOR FILING DATE: 1998-09-18
 ; PRIOR APPLICATION NUMBER: 60/101068
 ; PRIOR FILING DATE: 1998-09-18
 ; PRIOR APPLICATION NUMBER: 60/101071
 ; PRIOR FILING DATE: 1998-09-18
 ; PRIOR APPLICATION NUMBER: 60/101279
 ; PRIOR FILING DATE: 1998-09-22
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 ; PRIOR FILING DATE: 1998-09-23
 ; PRIOR APPLICATION NUMBER: 60/101472
 ; PRIOR FILING DATE: 1998-09-23
 ; PRIOR APPLICATION NUMBER: 60/101474
 ; PRIOR FILING DATE: 1998-09-23
 ; PRIOR APPLICATION NUMBER: 60/101475
 ; PRIOR FILING DATE: 1998-09-23
 ; PRIOR APPLICATION NUMBER: 60/101476
 ; PRIOR FILING DATE: 1998-09-23
 ; PRIOR APPLICATION NUMBER: 60/101477
 ; PRIOR FILING DATE: 1998-09-23
 ; PRIOR APPLICATION NUMBER: 60/101479
 ; PRIOR FILING DATE: 1998-09-23
 ; PRIOR APPLICATION NUMBER: 60/101738
 ; PRIOR FILING DATE: 1998-09-24
 ; PRIOR APPLICATION NUMBER: 60/101741

/ PRIOR FILING DATE: 1998-09-24
 / PRIOR APPLICATION NUMBER: 60/101743
 / PRIOR FILING DATE: 1998-09-24
 / PRIOR APPLICATION NUMBER: 60/101915
 / PRIOR FILING DATE: 1998-09-24
 / PRIOR APPLICATION NUMBER: 60/101916
 / PRIOR FILING DATE: 1998-09-24
 / PRIOR APPLICATION NUMBER: 60/102207
 / PRIOR FILING DATE: 1998-09-29
 / PRIOR APPLICATION NUMBER: 60/102240
 / PRIOR FILING DATE: 1998-09-29
 / PRIOR APPLICATION NUMBER: 60/102307
 / PRIOR FILING DATE: 1998-09-29
 / PRIOR APPLICATION NUMBER: 60/102330
 / PRIOR FILING DATE: 1998-09-29
 / PRIOR APPLICATION NUMBER: 60/102331
 / PRIOR FILING DATE: 1998-09-29
 / PRIOR APPLICATION NUMBER: 60/102484
 / PRIOR FILING DATE: 1998-09-30
 / PRIOR APPLICATION NUMBER: 60/102487
 / PRIOR FILING DATE: 1998-09-30
 / PRIOR APPLICATION NUMBER: 60/102570
 / PRIOR FILING DATE: 1998-09-30
 / PRIOR APPLICATION NUMBER: 60/102571
 / PRIOR FILING DATE: 1998-09-30
 / PRIOR APPLICATION NUMBER: 60/102684
 / PRIOR FILING DATE: 1998-10-01
 / PRIOR APPLICATION NUMBER: 60/102687
 / PRIOR FILING DATE: 1998-10-01
 / PRIOR APPLICATION NUMBER: 60/102965
 / PRIOR FILING DATE: 1998-10-02
 / PRIOR APPLICATION NUMBER: 60/103258
 / PRIOR FILING DATE: 1998-10-06
 / PRIOR APPLICATION NUMBER: 60/103314
 / PRIOR FILING DATE: 1998-10-07
 / PRIOR APPLICATION NUMBER: 60/103315
 / PRIOR FILING DATE: 1998-10-07
 / PRIOR APPLICATION NUMBER: 60/103328
 / PRIOR FILING DATE: 1998-10-07
 / PRIOR APPLICATION NUMBER: 60/103395
 / PRIOR FILING DATE: 1998-10-07
 / PRIOR APPLICATION NUMBER: 60/103396
 / PRIOR FILING DATE: 1998-10-07
 / PRIOR APPLICATION NUMBER: 60/103401
 / PRIOR FILING DATE: 1998-10-07
 / PRIOR APPLICATION NUMBER: 60/103449
 / PRIOR FILING DATE: 1998-10-06
 / PRIOR APPLICATION NUMBER: 60/103633
 / PRIOR FILING DATE: 1998-10-08
 / PRIOR APPLICATION NUMBER: 60/103678
 / PRIOR FILING DATE: 1998-10-08
 / PRIOR APPLICATION NUMBER: 60/103679
 / PRIOR FILING DATE: 1998-10-08
 / PRIOR APPLICATION NUMBER: 60/103711
 / PRIOR FILING DATE: 1998-10-08
 / PRIOR APPLICATION NUMBER: 60/104257
 / PRIOR FILING DATE: 1998-10-14
 / PRIOR APPLICATION NUMBER: 60/104987
 / PRIOR FILING DATE: 1998-10-20
 / PRIOR APPLICATION NUMBER: 60/105000
 / PRIOR FILING DATE: 1998-10-20
 / PRIOR APPLICATION NUMBER: 60/105002
 / PRIOR FILING DATE: 1998-10-20
 / PRIOR APPLICATION NUMBER: 60/105104
 / PRIOR FILING DATE: 1998-10-21
 / PRIOR APPLICATION NUMBER: 60/105169
 / PRIOR FILING DATE: 1998-10-22
 / PRIOR APPLICATION NUMBER: 60/105266
 / PRIOR FILING DATE: 1998-10-22
 / PRIOR APPLICATION NUMBER: 60/105693
 / PRIOR FILING DATE: 1998-10-26
 / PRIOR APPLICATION NUMBER: 60/105694
 / PRIOR FILING DATE: 1998-10-26

/ PRIOR APPLICATION NUMBER: 60/105807
 / PRIOR FILING DATE: 1998-10-27
 / PRIOR APPLICATION NUMBER: 60/105881
 / PRIOR FILING DATE: 1998-10-27
 / PRIOR APPLICATION NUMBER: 60/105882
 / PRIOR FILING DATE: 1998-10-27
 / PRIOR APPLICATION NUMBER: 60/106023
 / PRIOR FILING DATE: 1998-10-28
 / PRIOR APPLICATION NUMBER: 60/106029

Query Match 98.1%; Score 2297.5; DB 30; length 432;
 Best Local Similarity 98.8%; Pred. No. 7,4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSIDVYPRKPKRPIPMETRKVGIPITIIILSLASIIIVVULIKYITLKYPL 61
 DB 4 DPDSQPLNSIDVYPRKPKRPIPMETRKVGIPITIIILSLASIIIVVULIKYITLKYPL 63
 QY 62 CGQPLHFIPIKQUCDELDCLGDEDEHCVKSPFEGPAVAVRLSKDRSTLQVILDSATGNW 121
 DB 64 CGQPLHFIPIKQUCDELDCLGDEDEHCVKSPFEGPAVAVRLSKDRSTLQVILDSATGNW 123
 QY 122 FSACFDNFTALAEACROWGYSSKTPRAVEIGPQODLDVETIENSQELMRNSSGFC 181
 DB 124 FSACFDNFTALAEACROWGYSSKTPRAVEIGPQODLDVETIENSQELMRNSSGFC 178
 QY 182 LSGSLVSLHCLACGSLKTPRVVGEASVDSMPQVSIQYDKOHVCGSIIIDPHVLT 241
 DB 179 LSGSLVSLHCLACGSLKTPRVVGEASVDSMPQVSIQYDKOHVCGSIIIDPHVLT 238
 QY 242 AHCFKHDTVFWMKRAAGDXKGSFPLAVAKIIIEFNPMYPKNDIALMKLOPLTF 301
 DB 239 AHCFKHDTVFWMKRAAGDXKGSFPLAVAKIIIEFNPMYPKNDIALMKLOPLTF 298
 QY 302 GIVRPICLPFDEBELPATPLWIGMGFTKONGKMSIILQASVOVDSRCDADAYQ 361
 DB 299 GIVRPICLPFDEBELPATPLWIGMGFTKONGKMSIILQASVOVDSRCDADAYQ 358
 QY 362 GEYTERMCAGIPBEGVDTCCGDSGAPLMOQSDQMHVVGIVSWGCGGSPGVTYTVS 421
 DB 359 GEYTERMCAGIPBEGVDTCCGDSGAPLMOQSDQMHVVGIVSWGCGGSPGVTYTVS 418
 QY 422 AYIANIYVWKAEL 435
 DB 419 AYIANIYVWKAEL 432

RESULT 128
 US-10-017-610A-275
 / Sequence 275, Application US/10017610A
 / GENERAL INFORMATION:
 / APPLICANT: Baker, Kevin P.
 / APPLICANT: Botstein, David
 / APPLICANT: Desnoyers, Luc
 / APPLICANT: Eaton, Dan I.
 / APPLICANT: Ferrara, Napoleone
 / APPLICANT: Fong, Sherman
 / APPLICANT: Gao, Wei-Qiang
 / APPLICANT: Goddard, Audrey
 / APPLICANT: Godowski, Paul J.
 / APPLICANT: Grimaldi, Christopher J.
 / APPLICANT: Gurney, Austin L.
 / APPLICANT: Hillan, Kenneth J.
 / APPLICANT: Pan, James
 / APPLICANT: Paoni, Nicholas F.
 / TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 / FILE REFERENCE: P2830PIC64
 / CURRENT APPLICATION NUMBER: US/10/017,610A
 / CURRENT FILING DATE: 2001-12-13
 / PRIOR APPLICATION NUMBER: 60/098716
 / PRIOR FILING DATE: 1998-09-01
 / PRIOR APPLICATION NUMBER: 60/098723

PRIOR APPLICATION NUMBER: 60/10107071	PRIOR APPLICATION NUMBER: 60/101279	PRIOR APPLICATION NUMBER: 60/101471	PRIOR APPLICATION NUMBER: 60/101475	PRIOR APPLICATION NUMBER: 60/101476	PRIOR APPLICATION NUMBER: 60/101477	PRIOR APPLICATION NUMBER: 60/101479	PRIOR APPLICATION NUMBER: 60/101738	PRIOR APPLICATION NUMBER: 60/101741	PRIOR APPLICATION NUMBER: 60/101743	PRIOR APPLICATION NUMBER: 60/101915	PRIOR APPLICATION NUMBER: 60/101916	PRIOR APPLICATION NUMBER: 60/102207	PRIOR APPLICATION NUMBER: 60/102240	PRIOR APPLICATION NUMBER: 60/102307	PRIOR APPLICATION NUMBER: 60/102330	PRIOR APPLICATION NUMBER: 60/102331	PRIOR APPLICATION NUMBER: 60/102484	PRIOR APPLICATION NUMBER: 60/102487	PRIOR APPLICATION NUMBER: 60/102570	PRIOR APPLICATION NUMBER: 60/102571	PRIOR APPLICATION NUMBER: 60/102684	PRIOR APPLICATION NUMBER: 60/102687	PRIOR APPLICATION NUMBER: 60/102965	PRIOR APPLICATION NUMBER: 60/103258	PRIOR APPLICATION NUMBER: 60/103314	PRIOR APPLICATION NUMBER: 60/103315	PRIOR APPLICATION NUMBER: 60/103335	PRIOR APPLICATION NUMBER: 60/103336	PRIOR APPLICATION NUMBER: 60/103401	PRIOR APPLICATION NUMBER: 60/103401	PRIOR APPLICATION NUMBER: 60/103459	PRIOR APPLICATION NUMBER: 60/103633	PRIOR APPLICATION NUMBER: 60/103678	PRIOR APPLICATION NUMBER: 60/103679	PRIOR APPLICATION NUMBER: 60/103679	
PRIOR FILING DATE: 1998-09-18	PRIOR FILING DATE: 1998-09-22	PRIOR FILING DATE: 1998-09-23	PRIOR FILING DATE: 1998-09-23	PRIOR FILING DATE: 1998-09-23	PRIOR FILING DATE: 1998-09-24	PRIOR FILING DATE: 1998-09-24	PRIOR FILING DATE: 1998-09-24	PRIOR FILING DATE: 1998-09-24	PRIOR FILING DATE: 1998-09-24	PRIOR FILING DATE: 1998-09-24	PRIOR FILING DATE: 1998-09-24	PRIOR FILING DATE: 1998-09-29	PRIOR FILING DATE: 1998-09-29	PRIOR FILING DATE: 1998-09-29	PRIOR FILING DATE: 1998-09-29	PRIOR FILING DATE: 1998-09-29	PRIOR FILING DATE: 1998-09-29	PRIOR FILING DATE: 1998-09-30	PRIOR FILING DATE: 1998-09-30	PRIOR FILING DATE: 1998-09-30	PRIOR FILING DATE: 1998-09-30	PRIOR FILING DATE: 1998-10-01	PRIOR FILING DATE: 1998-10-02	PRIOR FILING DATE: 1998-10-06	PRIOR FILING DATE: 1998-10-06	PRIOR FILING DATE: 1998-10-07	PRIOR FILING DATE: 1998-10-07	PRIOR FILING DATE: 1998-10-07	PRIOR FILING DATE: 1998-10-07	PRIOR FILING DATE: 1998-10-07	PRIOR FILING DATE: 1998-10-07	PRIOR FILING DATE: 1998-10-06	PRIOR FILING DATE: 1998-10-06	PRIOR FILING DATE: 1998-10-06	PRIOR FILING DATE: 1998-10-06	PRIOR FILING DATE: 1998-10-06

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; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103711
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/104257
; PRIOR FILING DATE: 1998-10-14
; PRIOR APPLICATION NUMBER: 60/104987
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105000
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105002
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; PRIOR APPLICATION NUMBER: 60/105104
; PRIOR FILING DATE: 1998-10-21
; PRIOR APPLICATION NUMBER: 60/105169
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105266
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105693
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105694
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105807
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105861
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105882
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/106023
; PRIOR FILING DATE: 1998-10-28
; PRIOR APPLICATION NUMBER: 60/106029

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Query Match
Best Local Similarity 98.1%; Score 2297.5; DB 30; Length 432;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

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QY 2 DEDSDQPLNSLDVKKPKRPIEMETFRKVGPIIITALLSLIIVVLLIVYIIDKYYFL 61
DB 4 DEDSDQPLNSLDVKKPKRPIEMETFRKVGPIIITALLSLIIVVLLIVYIIDKYYFL 63
QY 62 CGQPLHFTPRKQICDGEIDCPLGDEDEHCVKSPFPGPAVAVRLSKNSTLOVLSATGNW 121
DB 64 CGQPLHFTPRKQICDGEIDCPLGDEDEHCVKSPFPGPAVAVRLSKNSTLOVLSATGNW 123
QY 122 FSACDNTTEALAEACGKMSKTPRATVETIGDDQDLVETITENSQETRMENSSGPC 181
DB 124 FSACDNTTEALAEACGKMSKTPRATVETIGDDQDLVETITENSQETRMENSSGPC 178
QY 182 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWFMQVSIQYDKOHVGGSLIDPHWYLT 241
DB 179 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWFMQVSIQYDKOHVGGSLIDPHWYLT 238
QY 242 AHCRKHTDVNMKTVRAGSDKLSGSPSLAVAKIIIEFNPMYPRKNDIALMKLOFPLTFS 301
DB 239 AHCRKHTDVNMKTVRAGSDKLSGSPSLAVAKIIIEFNPMYPRKNDIALMKLOFPLTFS 298
QY 302 GTVPICLPEFDEELTATPLMTIIGMGFTKONGKMSDIILOASVOYITSTRCNADAYQ 361
DB 299 GTVPICLPEFDEELTATPLMTIIGMGFTKONGKMSDIILOASVOYITSTRCNADAYQ 358
QY 362 GEVTERKMCAGIPBGGVDTCCGSDGGPILMTQSDQMHVVGIVSGYGGGPGSTPGVYTKYS 421
DB 359 GEVTERKMCAGIPBGGVDTCCGSDGGPILMTQSDQMHVVGIVSGYGGGPGSTPGVYTKYS 418
QY 422 AYLMNINWMAEL 435
DB 419 AYLMNINWMAEL 432

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RESULT 129
US-10-017-867A-275
; Sequence 275, Application us/10017867A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.

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; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC60
; CURRENT FILING DATE: 2001-12-13
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
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PRIOR FILING DATE: 1998-10-02

PRIOR APPLICATION NUMBER: 60/103258
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PRIOR FILING DATE: 1998-10-20
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PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105002
PRIOR FILING DATE: 1998-10-20
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PRIOR FILING DATE: 1998-10-21
PRIOR APPLICATION NUMBER: 60/105169
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105266
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PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105694
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PRIOR APPLICATION NUMBER: 60/105807
PRIOR FILING DATE: 1998-10-27
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PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105882
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/106023
PRIOR FILING DATE: 1998-10-28
PRIOR APPLICATION NUMBER: 60/106029

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVRCRPRIPMETFRVGIPIIITLSTASIIIVVYLKTYFL 61
DB 4 DPDSQPLNSLDVRCRPRIPMETFRVGIPIIITLSTASIIIVVYLKTYFL 63
QY 62 CGQPLHFTPRKQCDGEIDCPGDEDEHCYVSPFGPAVAVRLSKDRSTLYLDSATGNW 121
DB 64 CGQPLHFTPRKQCDGEIDCPGDEDEHCYVSPFGPAVAVRLSKDRSTLYLDSATGNW 123
QY 122 FSACFDNFTBALAETACQMGYSKPTTRAVEIGPDOLDVVEITENSOELPMRSGGFC 181
DB 124 FSACFDNFTBALAETACQMGYSKPTTRAVEIGPDOLDVVEITENSOELPMRSGGFC 178
QY 182 LSGSLVSLHCLACGSLKTPRVVGEERASVDSMPQVSIQYDKQHVCGSILDPHVLTA 241
DB 179 LSGSLVSLHCLACGSLKTPRVVGEERASVDSMPQVSIQYDKQHVCGSILDPHVLTA 238
QY 242 AHCFKHTDVFNMKVRAGSDKLGSPSLAVAKIIIEFNPMYKONDIALMKLQPLTFS 301

Db 239 AHCRRKTDVFNKVRAGSDKGSFSLAVAKIIIEFNPMYRKNDIALMKLOPPLTFS 298
Qy 302 GTVRPCLPFDEBELTPATPLMTIIGWFTKONGKMSDILLQASVOVISTRCNADDAVQ 361
Db 299 GTVRPCLPFDEBELTPATPLMTIIGWFTKONGKMSDILLQASVOVISTRCNADDAVQ 358
Qy 362 GEYTERKMCAGIPGEGVDTCCGDSGGPLMTYQSDQMHVGIYSWGCGGPGSTPGYTTKVS 421
Db 359 GEYTERKMCAGIPGEGVDTCCGDSGGPLMTYQSDQMHVGIYSWGCGGPGSTPGYTTKVS 418
Qy 422 AYLNMTIYNWKAEL 435
Db 419 AYLNMTIYNWKAEL 432
RESULT 130
US-10-020-063A-275
Sequence 275, Application US/10020063A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan I.
APPLICANT: Ferreira, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C65
CURRENT FILING DATE: 2002-09-04
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09
Remaining Prior Application data removed - See File Wrapper or PAM.
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 275
LENGTH: 432
TYPE: PRT
ORGANISM: Homo sapiens
US-10-020-063A-275
Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7,4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;
Qy 2 DPDSQPLNSLDVFKRPRIPMETFRKVGIPITIIALLSLASIIIVVLIKYLKYYFL 61
|||||

Db 4 DPDSQPLNSLDVFKRPRIPMETFRKVGIPITIIALLSLASIIIVVLIKYLKYYFL 63
Qy 62 CGOPLHIFPRKQLCDGELDCEPLGEDEBHCYKSPPEGPAVAVRLSKDSTLQVLDSATGNW 121
Db 64 CGOPLHIFPRKQLCDGELDCEPLGEDEBHCYKSPPEGPAVAVRLSKDSTLQVLDSATGNW 123
Qy 122 FSACFDNFTLEALPTARQMGSSKPTFRAVEIGPODDLDVAITENSQELRRNNSGPC 181
Db 124 FSACFDNFTLEALPTARQMGIS----RAVEIGPODDLDVAITENSQELRRNNSGPC 178
Qy 182 LSGSLVSLHCLACGSKLKTFRVVGGERASVDSWPMQVSIQYDKQYCGGSIIDPHVLLTA 241
Db 179 LSGSLVSLHCLACGSKLKTFRVVGGERASVDSWPMQVSIQYDKQYCGGSIIDPHVLLTA 238
Qy 242 AHCRRKTDVFNKVRAGSDKGSFSLAVAKIIIEFNPMYRKNDIALMKLOPPLTFS 301
Db 239 AHCRRKTDVFNKVRAGSDKGSFSLAVAKIIIEFNPMYRKNDIALMKLOPPLTFS 298
Qy 302 GTVRPCLPFDEBELTPATPLMTIIGWFTKONGKMSDILLQASVOVISTRCNADDAVQ 361
Db 299 GTVRPCLPFDEBELTPATPLMTIIGWFTKONGKMSDILLQASVOVISTRCNADDAVQ 358
Qy 362 GEYTERKMCAGIPGEGVDTCCGDSGGPLMTYQSDQMHVGIYSWGCGGPGSTPGYTTKVS 421
Db 359 GEYTERKMCAGIPGEGVDTCCGDSGGPLMTYQSDQMHVGIYSWGCGGPGSTPGYTTKVS 418
Qy 422 AYLNMTIYNWKAEL 435
Db 419 AYLNMTIYNWKAEL 432
RESULT 131
US-10-052-586-330
Sequence 330, Application US/10052586
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Chen, Jian
APPLICANT: Desnoyers, Luc
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Smith, Victoria
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3430P1C1
CURRENT FILING DATE: US/10/052, 586
PRIOR APPLICATION NUMBER: 2002-01-15
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059266
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063120
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063121
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063486
PRIOR FILING DATE: 1997-10-21
PRIOR APPLICATION NUMBER: 60/063540
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063541
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063544
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063564
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063734
PRIOR FILING DATE: 1997-10-29

PRIOR FILING DATE:	1998-05-07
PRIOR APPLICATION NUMBER:	60/084640
PRIOR FILING DATE:	1998-05-07
PRIOR APPLICATION NUMBER:	60/084643
PRIOR FILING DATE:	1998-05-07
PRIOR APPLICATION NUMBER:	60/085573
PRIOR FILING DATE:	1998-05-15
PRIOR APPLICATION NUMBER:	60/085579
PRIOR FILING DATE:	1998-05-15
PRIOR APPLICATION NUMBER:	60/085579
PRIOR FILING DATE:	1998-05-15
PRIOR APPLICATION NUMBER:	60/085580
PRIOR FILING DATE:	1998-05-15
PRIOR APPLICATION NUMBER:	60/085582
PRIOR FILING DATE:	1998-05-15
PRIOR APPLICATION NUMBER:	60/085700
PRIOR FILING DATE:	1998-05-15
PRIOR APPLICATION NUMBER:	60/086023
PRIOR FILING DATE:	1998-05-18
PRIOR APPLICATION NUMBER:	60/087098
PRIOR FILING DATE:	1998-05-28
PRIOR APPLICATION NUMBER:	60/087208
PRIOR FILING DATE:	1998-05-28
PRIOR APPLICATION NUMBER:	60/087609
PRIOR FILING DATE:	1998-06-02
PRIOR APPLICATION NUMBER:	60/087759
PRIOR FILING DATE:	1998-06-02
PRIOR APPLICATION NUMBER:	60/087827
PRIOR FILING DATE:	1998-06-03
PRIOR APPLICATION NUMBER:	60/088025
PRIOR FILING DATE:	1998-06-04
PRIOR APPLICATION NUMBER:	60/088028
PRIOR FILING DATE:	1998-06-04
PRIOR APPLICATION NUMBER:	60/088029
PRIOR FILING DATE:	1998-06-04
PRIOR APPLICATION NUMBER:	60/088033
PRIOR FILING DATE:	1998-06-04
PRIOR APPLICATION NUMBER:	60/088167
PRIOR FILING DATE:	1998-06-05
PRIOR APPLICATION NUMBER:	60/088202
PRIOR FILING DATE:	1998-06-05
PRIOR APPLICATION NUMBER:	60/088212
PRIOR FILING DATE:	1998-06-05
PRIOR APPLICATION NUMBER:	60/088217
PRIOR FILING DATE:	1998-06-05
PRIOR APPLICATION NUMBER:	60/088326
PRIOR FILING DATE:	1998-06-04
PRIOR APPLICATION NUMBER:	60/088655
PRIOR FILING DATE:	1998-06-09
PRIOR APPLICATION NUMBER:	60/088722
PRIOR FILING DATE:	1998-06-10
PRIOR APPLICATION NUMBER:	60/088738
PRIOR FILING DATE:	1998-06-10
PRIOR APPLICATION NUMBER:	60/088740
PRIOR FILING DATE:	1998-06-10
PRIOR APPLICATION NUMBER:	60/088811
PRIOR FILING DATE:	1998-06-10
PRIOR APPLICATION NUMBER:	60/088824
PRIOR FILING DATE:	1998-06-10
PRIOR APPLICATION NUMBER:	60/088825
PRIOR FILING DATE:	1998-06-10
PRIOR APPLICATION NUMBER:	60/088826
PRIOR FILING DATE:	1998-06-10
PRIOR APPLICATION NUMBER:	60/088861
PRIOR FILING DATE:	1998-06-11
PRIOR APPLICATION NUMBER:	60/088863
PRIOR FILING DATE:	1998-06-11
PRIOR APPLICATION NUMBER:	60/088876
PRIOR FILING DATE:	1998-06-11
PRIOR APPLICATION NUMBER:	60/088909
PRIOR FILING DATE:	1998-06-12

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; PRIOR APPLICATION NUMBER: 60/089105
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089512
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089514
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089598
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089653
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089908
; PRIOR FILING DATE: 1998-06-18

```

```

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7,4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```

```

QY 2 DPDSDDPLNSLDVYKPKRPIPMETPRKVGIPITIALSLASIIIVVLIKVIIDKYYFL 61
DB 4 DPDSDDPLNSLDVYKPKRPIPMETPRKVGIPITIALSLASIIIVVLIKVIIDKYYFL 63
QY 62 CGQPLHFIPIRKOICDGLDPLGDEDEHCKVSFPBGPAAVRLSKDRSTLOVLD SATGNW 121
DB 64 CGQPLHFIPIRKOICDGLDPLGDEDEHCKVSFPBGPAAVRLSKDRSTLOVLD SATGNW 123
QY 122 FSACPDNFTALAEATACROMGYSKPTFAVEIGPDODDVEITENSQELMRNSSGPC 181
DB 124 FSACPDNFTALAEATACROMGYSKPTFAVEIGPDODDVEITENSQELMRNSSGPC 178
QY 182 LSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSMPQVSIQYDKOHVCGSIIIDPHWVJLA 241
DB 179 LSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSMPQVSIQYDKOHVCGSIIIDPHWVJLA 238
QY 242 AHCFRKHITDVFNMKVRASGDKLGSFPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
DB 239 AHCFRKHITDVFNMKVRASGDKLGSFPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
QY 302 GTVRPCLPFPDEBELTPATPLMIIGMFTKONGKMSDILLQASVOVLDSTRCANADAYQ 361
DB 299 GTVRPCLPFPDEBELTPATPLMIIGMFTKONGKMSDILLQASVOVLDSTRCANADAYQ 358
QY 362 GEVTERKMCAGIPBEGGVDTCCGDSGGPLMYOSDQHVHVGIYSWGCGGSPSTPGVYTKVS 421
DB 359 GEVTERKMCAGIPBEGGVDTCCGDSGGPLMYOSDQHVHVGIYSWGCGGSPSTPGVYTKVS 418
QY 422 AYLNWIVYVWKRAEL 435
DB 419 AYLNWIVYVWKRAEL 432

```

```

RESULT 132
US-10-063-502-112
; Sequence 112, Application US/10063502
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,502
; PRIOR FILING DATE: 2002-05-01
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112

```

```

; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-502-112

```

```

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7,4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```

```

QY 2 DPDSDDPLNSLDVYKPKRPIPMETPRKVGIPITIALSLASIIIVVLIKVIIDKYYFL 61
DB 4 DPDSDDPLNSLDVYKPKRPIPMETPRKVGIPITIALSLASIIIVVLIKVIIDKYYFL 63
QY 62 CGQPLHFIPIRKOICDGLDPLGDEDEHCKVSFPBGPAAVRLSKDRSTLOVLD SATGNW 121
DB 64 CGQPLHFIPIRKOICDGLDPLGDEDEHCKVSFPBGPAAVRLSKDRSTLOVLD SATGNW 123
QY 122 FSACPDNFTALAEATACROMGYSKPTFAVEIGPDODDVEITENSQELMRNSSGPC 181
DB 124 FSACPDNFTALAEATACROMGYSKPTFAVEIGPDODDVEITENSQELMRNSSGPC 178
QY 182 LSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSMPQVSIQYDKOHVCGSIIIDPHWVJLA 241
DB 179 LSGSLVSLHCLACGSKSLKTPRVVGGEEASVDSMPQVSIQYDKOHVCGSIIIDPHWVJLA 238
QY 242 AHCFRKHITDVFNMKVRASGDKLGSFPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
DB 239 AHCFRKHITDVFNMKVRASGDKLGSFPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
QY 302 GTVRPCLPFPDEBELTPATPLMIIGMFTKONGKMSDILLQASVOVLDSTRCANADAYQ 361
DB 299 GTVRPCLPFPDEBELTPATPLMIIGMFTKONGKMSDILLQASVOVLDSTRCANADAYQ 358
QY 362 GEVTERKMCAGIPBEGGVDTCCGDSGGPLMYOSDQHVHVGIYSWGCGGSPSTPGVYTKVS 421
DB 359 GEVTERKMCAGIPBEGGVDTCCGDSGGPLMYOSDQHVHVGIYSWGCGGSPSTPGVYTKVS 418
QY 422 AYLNWIVYVWKRAEL 435
DB 419 AYLNWIVYVWKRAEL 432

```

```

RESULT 133
US-10-063-510-112
; Sequence 112, Application US/10063510
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,510
; PRIOR FILING DATE: 2002-05-01
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-510-112

```

```

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7,4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;
QY 2 DPDSDDPLNSLDVYKPKRPIPMETPRKVGIPITIALSLASIIIVVLIKVIIDKYYFL 61

```

```

Db 4 DEDSDQPLNSLDVPRKRPRIIPMETFRKVGIPIIIALSLASIIIVVLIKILDKYYFL 63
QY 62 CGQPLHFIIPRKQICDGEIDCPVGEDEHCVKSPFEGPAVAVRLSKDSTLOVLSATGNW 121
Db 64 CGQPLHFIIPRKQICDGEIDCPVGEDEHCVKSPFEGPAVAVRLSKDSTLOVLSATGNW 123
QY 122 PSACPDNTEALAEATACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELMRNSSGPC 181
Db 124 PSACPDNTEALAEATACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELMRNSSGPC 178
QY 182 LSGSLVSLHCLACGSKSLTPRVGGEASVDSWPQVSIQYDKQHVCGSILDPHWLTA 241
Db 179 LSGSLVSLHCLACGSKSLTPRVGGEASVDSWPQVSIQYDKQHVCGSILDPHWLTA 238
QY 242 AHCFRKHTDVFNWKVRASDGLGSPSLAVAKIIIEFNPMYPKONDIALMKLOPPLTFS 301
Db 239 AHCFRKHTDVFNWKVRASDGLGSPSLAVAKIIIEFNPMYPKONDIALMKLOPPLTFS 298
QY 302 GTVRPICLPFDEBELTPATPLMIIGWGTQKNGKMSDILLQASVOYIDSTRCNADDAVQ 361
Db 299 GTVRPICLPFDEBELTPATPLMIIGWGTQKNGKMSDILLQASVOYIDSTRCNADDAVQ 358
QY 362 GEVTERKMCAGIPREGVDTQCGSDGGLMYOSDOMHVVGIVSWGCGGSPSTPGVYTKVS 421
Db 359 GEVTERKMCAGIPREGVDTQCGSDGGLMYOSDOMHVVGIVSWGCGGSPSTPGVYTKVS 418
QY 422 AYLNWYVNWKAEL 435
Db 419 AYLNWYVNWKAEL 432

```

RESULT 134

US-10-063-512-112
Sequence 112, Application US/10063512

```

GENERAL INFORMATION:
APPLICANT: Eaton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,512
CURRENT FILING DATE: 2002-05-01
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-512-112

```

```

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```

```

QY 182 LSGSLVSLHCLACGSKSLTPRVVGEASVDSWPQVSIQYDKQHVCGSILDPHWLTA 241
Db 179 LSGSLVSLHCLACGSKSLTPRVVGEASVDSWPQVSIQYDKQHVCGSILDPHWLTA 238
QY 242 AHCFRKHTDVFNWKVRASDGLGSPSLAVAKIIIEFNPMYPKONDIALMKLOPPLTFS 301
Db 239 AHCFRKHTDVFNWKVRASDGLGSPSLAVAKIIIEFNPMYPKONDIALMKLOPPLTFS 298
QY 302 GTVRPICLPFDEBELTPATPLMIIGWGTQKNGKMSDILLQASVOYIDSTRCNADDAVQ 361
Db 299 GTVRPICLPFDEBELTPATPLMIIGWGTQKNGKMSDILLQASVOYIDSTRCNADDAVQ 358
QY 362 GEVTERKMCAGIPREGVDTQCGSDGGLMYOSDOMHVVGIVSWGCGGSPSTPGVYTKVS 421
Db 359 GEVTERKMCAGIPREGVDTQCGSDGGLMYOSDOMHVVGIVSWGCGGSPSTPGVYTKVS 418
QY 422 AYLNWYVNWKAEL 435
Db 419 AYLNWYVNWKAEL 432

```

RESULT 135

US-10-063-513-112
Sequence 112, Application US/10063513

```

GENERAL INFORMATION:
APPLICANT: Eaton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,513
CURRENT FILING DATE: 2002-05-01
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-513-112

```

```

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```

```
Db 299 GTVAPICLPFDEBLTPTATPLMTIGMFTKONGGKMSDILLQASVOYIDSTRCNADAYQ 358
QY 362 GEYTERKMCAGIPREGVDTCQDSGGGPLMTQSDQMHVGVIVSMGYCGGSPSTGVYTKYS 421
Db 359 GEYTERKMCAGIPREGVDTCQDSGGGPLMTQSDQMHVGVIVSMGYCGGSPSTGVYTKYS 418
QY 422 AYLNWYINWKAEL 435
Db 419 AYLNWYINWKAEL 432

RESULT 136
US-10-063-514-112
; Sequence 112, Application US/10063514
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,514
; CURRENT FILING DATE: 2002-05-01
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-514-112
```

```
Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;
```

```
QY 2 DPDSQPLNSLDVKEPLRKPRIPMETFRKVGIPITIALSLASITIVVVLKVIILDKYYFL 61
Db 4 DPDSQPLNSLDVKEPLRKPRIPMETFRKVGIPITIALSLASITIVVVLKVIILDKYYFL 63
QY 62 CGQPLHFIPRKQLCGELDCPLGEBDEHCYVSPFPGPAVAVRLSKDRSTLQVLDSATGNW 121
Db 64 CGQPLHFIPRKQLCGELDCPLGEBDEHCYVSPFPGPAVAVRLSKDRSTLQVLDSATGNW 123
QY 122 FSACPDNFTFALAEATACRQMGYSKPTFRAYEIGPDQDLVETLITENSQELRMENSSGPC 181
Db 124 FSACPDNFTFALAEATACRQMGYS-----RAVEIGPDQDLVETLITENSQELRMENSSGPC 178
QY 182 LSGSLVSLHCLACGSLKTPRVVGGEEASVDSWPQVSIQYDKQHVCGGSLDPHWLTA 241
Db 179 LSGSLVSLHCLACGSLKTPRVVGGEEASVDSWPQVSIQYDKQHVCGGSLDPHWLTA 238
QY 242 AHCFRKHTDVFNWVKVRAGSDKLSFPLSAVAKIIIEFNPMYPNDNDIALMKLQPLTFS 301
Db 239 AHCFRKHTDVFNWVKVRAGSDKLSFPLSAVAKIIIEFNPMYPNDNDIALMKLQPLTFS 298
QY 302 GTVAPICLPFDEBLTPTATPLMTIGMFTKONGGKMSDILLQASVOYIDSTRCNADAYQ 361
Db 299 GTVAPICLPFDEBLTPTATPLMTIGMFTKONGGKMSDILLQASVOYIDSTRCNADAYQ 358
QY 362 GEYTERKMCAGIPREGVDTCQDSGGGPLMTQSDQMHVGVIVSMGYCGGSPSTGVYTKYS 421
Db 359 GEYTERKMCAGIPREGVDTCQDSGGGPLMTQSDQMHVGVIVSMGYCGGSPSTGVYTKYS 418
QY 422 AYLNWYINWKAEL 435
Db 419 AYLNWYINWKAEL 432
```

```
RESULT 137
US-10-063-515-112
; Sequence 112, Application US/10063515
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,515
; CURRENT FILING DATE: 2002-05-01
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-515-112
```

```
Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;
```

```
QY 2 DPDSQPLNSLDVKEPLRKPRIPMETFRKVGIPITIALSLASITIVVVLKVIILDKYYFL 61
Db 4 DPDSQPLNSLDVKEPLRKPRIPMETFRKVGIPITIALSLASITIVVVLKVIILDKYYFL 63
QY 62 CGQPLHFIPRKQLCGELDCPLGEBDEHCYVSPFPGPAVAVRLSKDRSTLQVLDSATGNW 121
Db 64 CGQPLHFIPRKQLCGELDCPLGEBDEHCYVSPFPGPAVAVRLSKDRSTLQVLDSATGNW 123
QY 122 FSACPDNFTFALAEATACRQMGYSKPTFRAYEIGPDQDLVETLITENSQELRMENSSGPC 181
Db 124 FSACPDNFTFALAEATACRQMGYS-----RAVEIGPDQDLVETLITENSQELRMENSSGPC 178
QY 182 LSGSLVSLHCLACGSLKTPRVVGGEEASVDSWPQVSIQYDKQHVCGGSLDPHWLTA 241
Db 179 LSGSLVSLHCLACGSLKTPRVVGGEEASVDSWPQVSIQYDKQHVCGGSLDPHWLTA 238
QY 242 AHCFRKHTDVFNWVKVRAGSDKLSFPLSAVAKIIIEFNPMYPNDNDIALMKLQPLTFS 301
Db 239 AHCFRKHTDVFNWVKVRAGSDKLSFPLSAVAKIIIEFNPMYPNDNDIALMKLQPLTFS 298
QY 302 GTVAPICLPFDEBLTPTATPLMTIGMFTKONGGKMSDILLQASVOYIDSTRCNADAYQ 361
Db 299 GTVAPICLPFDEBLTPTATPLMTIGMFTKONGGKMSDILLQASVOYIDSTRCNADAYQ 358
QY 362 GEYTERKMCAGIPREGVDTCQDSGGGPLMTQSDQMHVGVIVSMGYCGGSPSTGVYTKYS 421
Db 359 GEYTERKMCAGIPREGVDTCQDSGGGPLMTQSDQMHVGVIVSMGYCGGSPSTGVYTKYS 418
QY 422 AYLNWYINWKAEL 435
Db 419 AYLNWYINWKAEL 432

RESULT 138
US-10-063-516-112
; Sequence 112, Application US/10063516
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
```

APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: "Macanabe, Colin K."
APPLICANT: "Wood, William I."
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,516
CURRENT FILING DATE: 2002-05-01
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-516-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216; Indels 5; Gaps 1;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

2 DPDSQPLNSLDVPELRKPRIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 61
4 DPDSQPLNSLDVPELRKPRIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 63
62 CGQPLHPIPRKQDCGLDCEPLGDEDEHCYKSPFEGPAVAVRLSKNSTLOVLSATGNW 121
64 CGQPLHPIPRKQDCGLDCEPLGDEDEHCYKSPFEGPAVAVRLSKNSTLOVLSATGNW 123
122 PSACFDNFTETALATACRQMGYSKPTFRATEIGPDOLDVVEITENSQELRMNNSGPC 181
124 PSACFDNFTETALATACRQMGYSKPTFRATEIGPDOLDVVEITENSQELRMNNSGPC 178
182 LSGSLVSLHCLACGSKSLKTPRVGGEASVDSWPMQVSIQYDKQHCVCSSILDPHMVTLA 241
179 LSGSLVSLHCLACGSKSLKTPRVGGEASVDSWPMQVSIQYDKQHCVCSSILDPHMVTLA 238
242 AHCFRKHTDVNWKVRAGSDKLGSPSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTF 301
239 AHCFRKHTDVNWKVRAGSDKLGSPSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTF 298
302 GTVAPICLPFDEELTPATPLMTIIGWFTKONGKMSDILLQASVOVYDSTRCNADDAVQ 361
299 GTVAPICLPFDEELTPATPLMTIIGWFTKONGKMSDILLQASVOVYDSTRCNADDAVQ 358
362 GEVEKMMACAGIPGEGVDTCCGDSGGLMYOSDQMHVVGIVSMGYCGGSPSTPGVYTKVS 421
359 GEVEKMMACAGIPGEGVDTCCGDSGGLMYOSDQMHVVGIVSMGYCGGSPSTPGVYTKVS 418

422 AYLMWYVWKAEL 435
419 AYLMWYVWKAEL 432

RESULT 139
US-10-063-517-112
Sequence 112, Application US/10063517
GENERAL INFORMATION:
APPLICANT: Eaton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Macanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,517
CURRENT FILING DATE: 2002-05-01

Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-517-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216; Indels 5; Gaps 1;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

2 DPDSQPLNSLDVPELRKPRIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 61
4 DPDSQPLNSLDVPELRKPRIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 63
62 CGQPLHPIPRKQDCGLDCEPLGDEDEHCYKSPFEGPAVAVRLSKNSTLOVLSATGNW 121
64 CGQPLHPIPRKQDCGLDCEPLGDEDEHCYKSPFEGPAVAVRLSKNSTLOVLSATGNW 123
122 PSACFDNFTETALATACRQMGYSKPTFRATEIGPDOLDVVEITENSQELRMNNSGPC 181
124 PSACFDNFTETALATACRQMGYSKPTFRATEIGPDOLDVVEITENSQELRMNNSGPC 178
182 LSGSLVSLHCLACGSKSLKTPRVGGEASVDSWPMQVSIQYDKQHCVCSSILDPHMVTLA 241
179 LSGSLVSLHCLACGSKSLKTPRVGGEASVDSWPMQVSIQYDKQHCVCSSILDPHMVTLA 238
242 AHCFRKHTDVNWKVRAGSDKLGSPSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTF 301
239 AHCFRKHTDVNWKVRAGSDKLGSPSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTF 298
302 GTVAPICLPFDEELTPATPLMTIIGWFTKONGKMSDILLQASVOVYDSTRCNADDAVQ 361
299 GTVAPICLPFDEELTPATPLMTIIGWFTKONGKMSDILLQASVOVYDSTRCNADDAVQ 358
362 GEVEKMMACAGIPGEGVDTCCGDSGGLMYOSDQMHVVGIVSMGYCGGSPSTPGVYTKVS 421
359 GEVEKMMACAGIPGEGVDTCCGDSGGLMYOSDQMHVVGIVSMGYCGGSPSTPGVYTKVS 418

422 AYLMWYVWKAEL 435
419 AYLMWYVWKAEL 432

RESULT 140
US-10-063-518-112
Sequence 112, Application US/10063518
GENERAL INFORMATION:
APPLICANT: Eaton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Macanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,518
CURRENT FILING DATE: 2002-05-01
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-518-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216; Indels 5; Gaps 1;

Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPLKPKRIIPMETFRKVGIPITIALSLASIIIVVLIKVILDKXYFL 61
DB 4 DPDSQPLNSLDVPLKPKRIIPMETFRKVGIPITIALSLASIIIVVLIKVILDKXYFL 63
QY 62 CGQPLHPIPRKQCDGLDPLGEDEHCVKSPFEGPAVAVRLSKRSTLQVLD SATGW 121
DB 64 CGQPLHPIPRKQCDGLDPLGEDEHCVKSPFEGPAVAVRLSKRSTLQVLD SATGW 123
QY 122 FSAFDFNFTALATACRQWGSKPTFAVEIGPDODLVEITENSQELMRNSSGPC 181
DB 124 FSAFDFNFTALATACRQWGS-----RAVEIGPDODLVEITENSQELMRNSSGPC 178
QY 182 LSGSLVSHCLACGSKLKTFRVVGGEASVDSWPMQVSIQYDKQVCGSIIIDPHVLT 241
DB 179 LSGSLVSHCLACGSKLKTFRVVGGEASVDSWPMQVSIQYDKQVCGSIIIDPHVLT 238
QY 242 AHCRRKTDVFNKVRAGSDKLSFSLAVAKIIIEFNPMYRKNDIALMKLOPPLTFS 301
DB 239 AHCRRKTDVFNKVRAGSDKLSFSLAVAKIIIEFNPMYRKNDIALMKLOPPLTFS 298
QY 302 GTVRPCLPFDEBELPATPLMTIIGWFTKONGKMSDILLQASVQVLDSTRCNADAYQ 361
DB 299 GTVRPCLPFDEBELPATPLMTIIGWFTKONGKMSDILLQASVQVLDSTRCNADAYQ 358
QY 362 GEYTERKMCAGIPEGGVDTCCGDSGGLMYQSDQMHVGI VSWGYCGGPGSTPGYTTKVS 421
DB 359 GEYTERKMCAGIPEGGVDTCCGDSGGLMYQSDQMHVGI VSWGYCGGPGSTPGYTTKVS 418
QY 422 AYLNMTYNNWKAEI 435
DB 419 AYLNMTYNNWKAEI 432

RESULT 141
US-10-063-519-112
Sequence 112, Application US/10063519
GENERAL INFORMATION:
APPLICANT: Eaton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerltisen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Matanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063, 519
CURRENT FILING DATE: 2002-05-01
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRP
ORGANISM: Homo Sapien
US-10-063-519-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 122 FSAFDFNFTALATACRQWGSKPTFAVEIGPDODLVEITENSQELMRNSSGPC 181
DB 124 FSAFDFNFTALATACRQWGS-----RAVEIGPDODLVEITENSQELMRNSSGPC 178
QY 182 LSGSLVSHCLACGSKLKTFRVVGGEASVDSWPMQVSIQYDKQVCGSIIIDPHVLT 241
DB 179 LSGSLVSHCLACGSKLKTFRVVGGEASVDSWPMQVSIQYDKQVCGSIIIDPHVLT 238
QY 242 AHCRRKTDVFNKVRAGSDKLSFSLAVAKIIIEFNPMYRKNDIALMKLOPPLTFS 301
DB 239 AHCRRKTDVFNKVRAGSDKLSFSLAVAKIIIEFNPMYRKNDIALMKLOPPLTFS 298
QY 302 GTVRPCLPFDEBELPATPLMTIIGWFTKONGKMSDILLQASVQVLDSTRCNADAYQ 361
DB 299 GTVRPCLPFDEBELPATPLMTIIGWFTKONGKMSDILLQASVQVLDSTRCNADAYQ 358
QY 362 GEYTERKMCAGIPEGGVDTCCGDSGGLMYQSDQMHVGI VSWGYCGGPGSTPGYTTKVS 421
DB 359 GEYTERKMCAGIPEGGVDTCCGDSGGLMYQSDQMHVGI VSWGYCGGPGSTPGYTTKVS 418
QY 422 AYLNMTYNNWKAEI 435
DB 419 AYLNMTYNNWKAEI 432

RESULT 142
US-10-063-520-112
Sequence 112, Application US/10063520
GENERAL INFORMATION:
APPLICANT: Eaton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerltisen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Matanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063, 520
CURRENT FILING DATE: 2002-05-01
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRP
ORGANISM: Homo Sapien
US-10-063-520-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;


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Db      239 AHCRKHEDVFNWVKRAGSDKLSGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
Qy      302 GTVRPCLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCANDDAYQ 361
Db      299 GTVRPCLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCANDDAYQ 358
Qy      362 GEVTERKMCAGIPBEGVDTCQSDSGGPLMYOSDQMHVGVISWVGCGGPGSTPGVYTKVS 421
Db      359 GEVTERKMCAGIPBEGVDTCQSDSGGPLMYOSDQMHVGVISWVGCGGPGSTPGVYTKVS 418
Qy      422 AYLNMIYVWKAEL 435
Db      419 AYLNMIYVWKAEL 432

RESULT 143
US-10-063-521-112
; Sequence 112, Application US/10063521
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,521
; PRIOR FILING DATE: 2002-05-01
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-521-112

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

Qy      2 DSDSDQPLNSLDVVKLRKRPIMETFRKVGIPIIIALSLASIIIVVLIKVIIDKXYFL 61
Db      4 DSDSDQPLNSLDVVKLRKRPIMETFRKVGIPIIIALSLASIIIVVLIKVIIDKXYFL 63
Qy      62 CGQPLHFIIPRKQDCGEIDCPLGDEDEHCVKSPFEGPAVAVRLSKDRSTLQVLSATGNW 121
Db      64 CGQPLHFIIPRKQDCGEIDCPLGDEDEHCVKSPFEGPAVAVRLSKDRSTLQVLSATGNW 123
Qy      122 PSACDNFTFLAETACQMGYSKPTPAVEIGDDQDLDVEITENSQELMRNSSGPGC 181
Db      124 PSACDNFTFLAETACQMGYSKPTPAVEIGDDQDLDVEITENSQELMRNSSGPGC 178
Qy      182 LSGSLVSLHCLACGSLKTPRVVGGEEASVDSMPQVSIQYDKQHVCGSIIIDPHMVLTA 241
Db      179 LSGSLVSLHCLACGSLKTPRVVGGEEASVDSMPQVSIQYDKQHVCGSIIIDPHMVLTA 238
Qy      242 AHCFRKHEDVFNWVKRAGSDKLSGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
Db      239 AHCFRKHEDVFNWVKRAGSDKLSGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
Qy      302 GTVRPCLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCANDDAYQ 361
Db      299 GTVRPCLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCANDDAYQ 358
Qy      362 GEVTERKMCAGIPBEGVDTCQSDSGGPLMYOSDQMHVGVISWVGCGGPGSTPGVYTKVS 421
Db      359 GEVTERKMCAGIPBEGVDTCQSDSGGPLMYOSDQMHVGVISWVGCGGPGSTPGVYTKVS 418

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Qy      422 AYLNMIYVWKAEL 435
Db      419 AYLNMIYVWKAEL 432

RESULT 144
US-10-063-523-112
; Sequence 112, Application US/10063523
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,523
; PRIOR FILING DATE: 2002-05-02
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-523-112

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

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```

Qy      2 DSDSDQPLNSLDVVKLRKRPIMETFRKVGIPIIIALSLASIIIVVLIKVIIDKXYFL 61
Db      4 DSDSDQPLNSLDVVKLRKRPIMETFRKVGIPIIIALSLASIIIVVLIKVIIDKXYFL 63
Qy      62 CGQPLHFIIPRKQDCGEIDCPLGDEDEHCVKSPFEGPAVAVRLSKDRSTLQVLSATGNW 121
Db      64 CGQPLHFIIPRKQDCGEIDCPLGDEDEHCVKSPFEGPAVAVRLSKDRSTLQVLSATGNW 123
Qy      122 PSACDNFTFLAETACQMGYSKPTPAVEIGDDQDLDVEITENSQELMRNSSGPGC 181
Db      124 PSACDNFTFLAETACQMGYSKPTPAVEIGDDQDLDVEITENSQELMRNSSGPGC 178
Qy      182 LSGSLVSLHCLACGSLKTPRVVGGEEASVDSMPQVSIQYDKQHVCGSIIIDPHMVLTA 241
Db      179 LSGSLVSLHCLACGSLKTPRVVGGEEASVDSMPQVSIQYDKQHVCGSIIIDPHMVLTA 238
Qy      242 AHCFRKHEDVFNWVKRAGSDKLSGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
Db      239 AHCFRKHEDVFNWVKRAGSDKLSGSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
Qy      302 GTVRPCLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCANDDAYQ 361
Db      299 GTVRPCLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCANDDAYQ 358
Qy      362 GEVTERKMCAGIPBEGVDTCQSDSGGPLMYOSDQMHVGVISWVGCGGPGSTPGVYTKVS 421
Db      359 GEVTERKMCAGIPBEGVDTCQSDSGGPLMYOSDQMHVGVISWVGCGGPGSTPGVYTKVS 418

RESULT 145
US-10-063-524-112
; Sequence 112, Application US/10063524
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.

```

```
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Gerlitsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Matanabe, Colin K.
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ FILE REFERENCE: P3230R1C1
/ CURRENT FILING DATE: 2002-05-02
/ PRIOR APPLICATION REMOVED - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 170
/ SEQ ID NO 112
/ LENGTH: 432
/ TYPE: PRT
/ ORGANISM: Homo Sapien
US-10-063-524-112
```

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;

Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

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QY 2 DPDSQPLNSLDVYKPLRKPRIPMETFRKVGIPRIIALLSLASIIIVVLIKVIIDKYFL 61
DB 4 DPDSQPLNSLDVYKPLRKPRIPMETFRKVGIPRIIALLSLASIIIVVLIKVIIDKYFL 63
QY 62 CGOPLHFIPIRKOLCDGELDCPLGDEDEHCVKSPFEGPAAVAVRLSKDRSTLQVLD SATGNW 121
DB 64 CGOPLHFIPIRKOLCDGELDCPLGDEDEHCVKSPFEGPAAVAVRLSKDRSTLQVLD SATGNW 123
QY 122 PSACFDNFTALAEFTACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELMRNMSGPC 181
DB 124 PSACFDNFTALAEFTACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELMRNMSGPC 178
QY 182 LSGSLVSLHCLACGSKLTPRVVGEASVDSWPMQVSIQYDKOHVCGSILDPHWLTA 241
DB 179 LSGSLVSLHCLACGSKLTPRVVGEASVDSWPMQVSIQYDKOHVCGSILDPHWLTA 238
QY 242 AHCFRKHDTVFNMKVRASGDKLSPSLAVAKIIIEFNPMYKNDIALMKLOPPLTFS 301
DB 239 AHCFRKHDTVFNMKVRASGDKLSPSLAVAKIIIEFNPMYKNDIALMKLOPPLTFS 298
QY 302 GTVRPICLPFPDEBLTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAAYQ 361
DB 299 GTVRPICLPFPDEBLTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAAYQ 358
QY 362 GEYTERKMCAGIPREGVDTCQDSDGGLMYOSDQMHVVGVISWVGCGGSPSTPGVYTKVS 421
DB 359 GEYTERKMCAGIPREGVDTCQDSDGGLMYOSDQMHVVGVISWVGCGGSPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEL 435
DB 419 AYLNMIYVWKAEL 432
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RESULT 146
US-10-063-525-112

```
/ Sequence 112, Application US/10063525
/ GENERAL INFORMATION:
/ APPLICANT: Baton, Dan L.
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Gerlitsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Matanabe, Colin K.
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ FILE REFERENCE: P3230R1C1
/ CURRENT FILING DATE: 2002-05-02
/ PRIOR APPLICATION REMOVED - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 170
/ SEQ ID NO 112
/ LENGTH: 432
/ TYPE: PRT
/ ORGANISM: Homo Sapien
US-10-063-526-112
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/ FILE REFERENCE: P3230R1C1
/ CURRENT APPLICATION NUMBER: US/10/063,525
/ CURRENT FILING DATE: 2002-05-02
/ PRIOR APPLICATION REMOVED - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 170
/ SEQ ID NO 112
/ LENGTH: 432
/ TYPE: PRT
/ ORGANISM: Homo Sapien
US-10-063-525-112
```

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;

Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```
QY 2 DPDSQPLNSLDVYKPLRKPRIPMETFRKVGIPRIIALLSLASIIIVVLIKVIIDKYFL 61
DB 4 DPDSQPLNSLDVYKPLRKPRIPMETFRKVGIPRIIALLSLASIIIVVLIKVIIDKYFL 63
QY 62 CGOPLHFIPIRKOLCDGELDCPLGDEDEHCVKSPFEGPAAVAVRLSKDRSTLQVLD SATGNW 121
DB 64 CGOPLHFIPIRKOLCDGELDCPLGDEDEHCVKSPFEGPAAVAVRLSKDRSTLQVLD SATGNW 123
QY 122 PSACFDNFTALAEFTACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELMRNMSGPC 181
DB 124 PSACFDNFTALAEFTACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELMRNMSGPC 178
QY 182 LSGSLVSLHCLACGSKLTPRVVGEASVDSWPMQVSIQYDKOHVCGSILDPHWLTA 241
DB 179 LSGSLVSLHCLACGSKLTPRVVGEASVDSWPMQVSIQYDKOHVCGSILDPHWLTA 238
QY 242 AHCFRKHDTVFNMKVRASGDKLSPSLAVAKIIIEFNPMYKNDIALMKLOPPLTFS 301
DB 239 AHCFRKHDTVFNMKVRASGDKLSPSLAVAKIIIEFNPMYKNDIALMKLOPPLTFS 298
QY 302 GTVRPICLPFPDEBLTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAAYQ 361
DB 299 GTVRPICLPFPDEBLTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAAYQ 358
QY 362 GEYTERKMCAGIPREGVDTCQDSDGGLMYOSDQMHVVGVISWVGCGGSPSTPGVYTKVS 421
DB 359 GEYTERKMCAGIPREGVDTCQDSDGGLMYOSDQMHVVGVISWVGCGGSPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEL 435
DB 419 AYLNMIYVWKAEL 432
```

RESULT 147
US-10-063-526-112

```
/ Sequence 112, Application US/10063526
/ GENERAL INFORMATION:
/ APPLICANT: Baton, Dan L.
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Gerlitsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Matanabe, Colin K.
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ FILE REFERENCE: P3230R1C1
/ CURRENT APPLICATION NUMBER: US/10/063,526
/ CURRENT FILING DATE: 2002-05-02
/ PRIOR APPLICATION REMOVED - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 170
/ SEQ ID NO 112
/ LENGTH: 432
/ TYPE: PRT
/ ORGANISM: Homo Sapien
US-10-063-526-112
```

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPRKRPRIPEMFRKVGIPITIALSLASIIIVVILIKYILDKYFL 61
 DB 4 DPDSQPLNSLDVPRKRPRIPEMFRKVGIPITIALSLASIIIVVILIKYILDKYFL 63
 QY 62 CGOPLHFIPIRKOICGELDCPLGEBDEHCYKSPFEGPAVAVRLSKDRSTLOVLSATGNW 121
 DB 64 CGOPLHFIPIRKOICGELDCPLGEBDEHCYKSPFEGPAVAVRLSKDRSTLOVLSATGNW 123
 QY 122 FSACFDNTEALAEACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMNNSGSPC 181
 DB 124 FSACFDNTEALAEACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMNNSGSPC 178
 QY 182 LSGSLVSLHCLACGSKSLTPRVVGEERASVDSWPQVSIQYDKQVCGSILDPHMVTLA 241
 DB 179 LSGSLVSLHCLACGSKSLTPRVVGEERASVDSWPQVSIQYDKQVCGSILDPHMVTLA 238
 QY 242 AHCRKHTDVFNWVRASDGLSGFSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
 DB 239 AHCRKHTDVFNWVRASDGLSGFSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
 QY 302 GTVRPCLPFDEBELTPATPLMTIGMFTKQNGKMSDILLQASVOYVISTRNADDAVQ 361
 DB 299 GTVRPCLPFDEBELTPATPLMTIGMFTKQNGKMSDILLQASVOYVISTRNADDAVQ 358
 QY 362 GEVTERKMCAGIPFEGVDTCQSDSGPLMTQSDQMHVGVISWGYCGGSPSTPGYTTYS 421
 DB 359 GEVTERKMCAGIPFEGVDTCQSDSGPLMTQSDQMHVGVISWGYCGGSPSTPGYTTYS 418
 QY 422 AYLNWYVWKAEL 435
 DB 419 AYLNWYVWKAEL 432

RESULT 148
 US-10-063-527-112
 ; Sequence 112, Application US/10063527
 ; GENERAL INFORMATION:
 ; APPLICANT: Baton, Dan L.
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3230R1C1
 ; CURRENT APPLICATION NUMBER: US/10/063,527
 ; CURRENT FILING DATE: 2002-05-02
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 170
 ; SEQ ID NO 112
 ; LENGTH: 432
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; US-10-063-527-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPRKRPRIPEMFRKVGIPITIALSLASIIIVVILIKYILDKYFL 61
 DB 4 DPDSQPLNSLDVPRKRPRIPEMFRKVGIPITIALSLASIIIVVILIKYILDKYFL 63
 QY 62 CGOPLHFIPIRKOICGELDCPLGEBDEHCYKSPFEGPAVAVRLSKDRSTLOVLSATGNW 121
 DB 64 CGOPLHFIPIRKOICGELDCPLGEBDEHCYKSPFEGPAVAVRLSKDRSTLOVLSATGNW 123
 QY 122 FSACFDNTEALAEACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMNNSGSPC 181
 DB 124 FSACFDNTEALAEACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMNNSGSPC 178
 QY 182 LSGSLVSLHCLACGSKSLTPRVVGEERASVDSWPQVSIQYDKQVCGSILDPHMVTLA 241
 DB 179 LSGSLVSLHCLACGSKSLTPRVVGEERASVDSWPQVSIQYDKQVCGSILDPHMVTLA 238
 QY 242 AHCRKHTDVFNWVRASDGLSGFSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
 DB 239 AHCRKHTDVFNWVRASDGLSGFSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
 QY 302 GTVRPCLPFDEBELTPATPLMTIGMFTKQNGKMSDILLQASVOYVISTRNADDAVQ 361
 DB 299 GTVRPCLPFDEBELTPATPLMTIGMFTKQNGKMSDILLQASVOYVISTRNADDAVQ 358
 QY 362 GEVTERKMCAGIPFEGVDTCQSDSGPLMTQSDQMHVGVISWGYCGGSPSTPGYTTYS 421
 DB 359 GEVTERKMCAGIPFEGVDTCQSDSGPLMTQSDQMHVGVISWGYCGGSPSTPGYTTYS 418
 QY 422 AYLNWYVWKAEL 435
 DB 419 AYLNWYVWKAEL 432

DB 64 CGOPLHFIPIRKOICGELDCPLGEBDEHCYKSPFEGPAVAVRLSKDRSTLOVLSATGNW 123
 QY 122 FSACFDNTEALAEACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMNNSGSPC 181
 DB 124 FSACFDNTEALAEACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMNNSGSPC 178
 QY 182 LSGSLVSLHCLACGSKSLTPRVVGEERASVDSWPQVSIQYDKQVCGSILDPHMVTLA 241
 DB 179 LSGSLVSLHCLACGSKSLTPRVVGEERASVDSWPQVSIQYDKQVCGSILDPHMVTLA 238
 QY 242 AHCRKHTDVFNWVRASDGLSGFSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
 DB 239 AHCRKHTDVFNWVRASDGLSGFSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
 QY 302 GTVRPCLPFDEBELTPATPLMTIGMFTKQNGKMSDILLQASVOYVISTRNADDAVQ 361
 DB 299 GTVRPCLPFDEBELTPATPLMTIGMFTKQNGKMSDILLQASVOYVISTRNADDAVQ 358
 QY 362 GEVTERKMCAGIPFEGVDTCQSDSGPLMTQSDQMHVGVISWGYCGGSPSTPGYTTYS 421
 DB 359 GEVTERKMCAGIPFEGVDTCQSDSGPLMTQSDQMHVGVISWGYCGGSPSTPGYTTYS 418
 QY 422 AYLNWYVWKAEL 435
 DB 419 AYLNWYVWKAEL 432

RESULT 149
 US-10-063-528-112
 ; Sequence 112, Application US/10063528
 ; GENERAL INFORMATION:
 ; APPLICANT: Baton, Dan L.
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3230R1C1
 ; CURRENT APPLICATION NUMBER: US/10/063,528
 ; CURRENT FILING DATE: 2002-05-02
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 170
 ; SEQ ID NO 112
 ; LENGTH: 432
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; US-10-063-528-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPRKRPRIPEMFRKVGIPITIALSLASIIIVVILIKYILDKYFL 61
 DB 4 DPDSQPLNSLDVPRKRPRIPEMFRKVGIPITIALSLASIIIVVILIKYILDKYFL 63
 QY 62 CGOPLHFIPIRKOICGELDCPLGEBDEHCYKSPFEGPAVAVRLSKDRSTLOVLSATGNW 121
 DB 64 CGOPLHFIPIRKOICGELDCPLGEBDEHCYKSPFEGPAVAVRLSKDRSTLOVLSATGNW 123
 QY 122 FSACFDNTEALAEACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMNNSGSPC 181
 DB 124 FSACFDNTEALAEACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMNNSGSPC 178
 QY 182 LSGSLVSLHCLACGSKSLTPRVVGEERASVDSWPQVSIQYDKQVCGSILDPHMVTLA 241
 DB 179 LSGSLVSLHCLACGSKSLTPRVVGEERASVDSWPQVSIQYDKQVCGSILDPHMVTLA 238

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QY 242 AHCRKHTDVFNMKVRAGSDKGSFPSIAVAKIIIEFNPMYRKNDIALMKLOFPLTFS 301
DB 239 AHCRKHTDVFNMKVRAGSDKGSFPSIAVAKIIIEFNPMYRKNDIALMKLOFPLTFS 298
QY 302 GTVAPICLPFFDEELTPATPLMTIIGWFTKONGGKMSDILLQASVOYIDSTRCNADDAVQ 361
DB 299 GTVAPICLPFFDEELTPATPLMTIIGWFTKONGGKMSDILLQASVOYIDSTRCNADDAVQ 358
QY 362 GEYTERKMKCAGIPBGGVDTCCGDSGGPLMTQSDQMHVVGIVSWGCGGSPSTPGVYTKVS 421
DB 359 GEYTERKMKCAGIPBGGVDTCCGDSGGPLMTQSDQMHVVGIVSWGCGGSPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEI 435
DB 419 AYLNMIYVWKAEI 432

RESULT 150
US-10-063-529-112
; Sequence 112, Application US/10063529
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Geriltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,529
; PRIOR FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-529-112

Query Match
Best Local Similarity 98.1%; Score 2297.5; DB 30; Length 432;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVFKLRKRIIPMETFRKVGIPITIALSLASIIIVVLLKVLIDKXYFL 61
DB 4 DPDSQPLNSLDVFKLRKRIIPMETFRKVGIPITIALSLASIIIVVLLKVLIDKXYFL 63
QY 62 CGQPLHFIIPKQLCDGELDCPLGDEBEHCYKSPFEGBAVAVRLSKDSTLQVLDSATGNW 121
DB 64 CGQPLHFIIPKQLCDGELDCPLGDEBEHCYKSPFEGBAVAVRLSKDSTLQVLDSATGNW 123
QY 122 FSACFDNFTALAEYACRWGYSKPTFAVEIGPDDLDVVEITENSQELRMRNSSGPC 181
DB 124 FSACFDNFTALAEYACRWGYSKPTFAVEIGPDDLDVVEITENSQELRMRNSSGPC 178
QY 182 LSGSLVSLHCLACGSKLTPRVVVGEEBASVDSWPMQVSIQYDKQHCYCGSIIIDPHVVLTA 241
DB 179 LSGSLVSLHCLACGSKLTPRVVVGEEBASVDSWPMQVSIQYDKQHCYCGSIIIDPHVVLTA 238
QY 242 AHCRKHTDVFNMKVRAGSDKGSFPSIAVAKIIIEFNPMYRKNDIALMKLOFPLTFS 301
DB 239 AHCRKHTDVFNMKVRAGSDKGSFPSIAVAKIIIEFNPMYRKNDIALMKLOFPLTFS 298
QY 302 GTVAPICLPFFDEELTPATPLMTIIGWFTKONGGKMSDILLQASVOYIDSTRCNADDAVQ 361
DB 299 GTVAPICLPFFDEELTPATPLMTIIGWFTKONGGKMSDILLQASVOYIDSTRCNADDAVQ 358
QY 362 GEYTERKMKCAGIPBGGVDTCCGDSGGPLMTQSDQMHVVGIVSWGCGGSPSTPGVYTKVS 421

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DB 359 GEYTERKMKCAGIPBGGVDTCCGDSGGPLMTQSDQMHVVGIVSWGCGGSPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEI 435
DB 419 AYLNMIYVWKAEI 432

RESULT 151
US-10-063-530-112
; Sequence 112, Application US/10063530
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Geriltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,530
; PRIOR FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-530-112

Query Match
Best Local Similarity 98.1%; Score 2297.5; DB 30; Length 432;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVFKLRKRIIPMETFRKVGIPITIALSLASIIIVVLLKVLIDKXYFL 61
DB 4 DPDSQPLNSLDVFKLRKRIIPMETFRKVGIPITIALSLASIIIVVLLKVLIDKXYFL 63
QY 62 CGQPLHFIIPKQLCDGELDCPLGDEBEHCYKSPFEGBAVAVRLSKDSTLQVLDSATGNW 121
DB 64 CGQPLHFIIPKQLCDGELDCPLGDEBEHCYKSPFEGBAVAVRLSKDSTLQVLDSATGNW 123
QY 122 FSACFDNFTALAEYACRWGYSKPTFAVEIGPDDLDVVEITENSQELRMRNSSGPC 181
DB 124 FSACFDNFTALAEYACRWGYSKPTFAVEIGPDDLDVVEITENSQELRMRNSSGPC 178
QY 182 LSGSLVSLHCLACGSKLTPRVVVGEEBASVDSWPMQVSIQYDKQHCYCGSIIIDPHVVLTA 241
DB 179 LSGSLVSLHCLACGSKLTPRVVVGEEBASVDSWPMQVSIQYDKQHCYCGSIIIDPHVVLTA 238
QY 242 AHCRKHTDVFNMKVRAGSDKGSFPSIAVAKIIIEFNPMYRKNDIALMKLOFPLTFS 301
DB 239 AHCRKHTDVFNMKVRAGSDKGSFPSIAVAKIIIEFNPMYRKNDIALMKLOFPLTFS 298
QY 302 GTVAPICLPFFDEELTPATPLMTIIGWFTKONGGKMSDILLQASVOYIDSTRCNADDAVQ 361
DB 299 GTVAPICLPFFDEELTPATPLMTIIGWFTKONGGKMSDILLQASVOYIDSTRCNADDAVQ 358
QY 362 GEYTERKMKCAGIPBGGVDTCCGDSGGPLMTQSDQMHVVGIVSWGCGGSPSTPGVYTKVS 421
DB 359 GEYTERKMKCAGIPBGGVDTCCGDSGGPLMTQSDQMHVVGIVSWGCGGSPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEI 435
DB 419 AYLNMIYVWKAEI 432

RESULT 152
US-10-063-532-112

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; Sequence 112, Application US/10063532
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,532
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-532-112

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPRKRPRIIPMETFRKVGIPRIIALLSLASIIIVVLIKVIIDKYFL 61
DB 4 DPDSQPLNSLDVPRKRPRIIPMETFRKVGIPRIIALLSLASIIIVVLIKVIIDKYFL 63
QY 62 CGQPLHFI PRKQDCGELDCPLGDEBHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 121
DB 64 CGQPLHFI PRKQDCGELDCPLGDEBHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 123
QY 122 FSACPDNTEALAEATACROMGYSSKPTFAVEIGPDOLDVVEITENSQELMRNSSGPC 181
DB 124 FSACPDNTEALAEATACROMGYSSKPTFAVEIGPDOLDVVEITENSQELMRNSSGPC 178
QY 182 LSGSLVSLHCLACGSKLTTPRVVGGEBASVDSWPQVSIQYDKQVCGGSIIDPHWVLT 241
DB 179 LSGSLVSLHCLACGSKLTTPRVVGGEBASVDSWPQVSIQYDKQVCGGSIIDPHWVLT 238
QY 242 AHCFKRTDVFNWKVRASGDKLGSPPSLAVAKIIIEFNPMYRKNDIALMKLOPPLTF 301
DB 239 AHCFKRTDVFNWKVRASGDKLGSPPSLAVAKIIIEFNPMYRKNDIALMKLOPPLTF 298
QY 302 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOVLDSTRCNADAYQ 361
DB 299 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOVLDSTRCNADAYQ 358
QY 362 GEVTEKMKCAGIPBEGVDTCQDSSGGLMYOSDOMHVVIGVSWGVCGGPSTPGVYTKVS 421
DB 359 GEVTEKMKCAGIPBEGVDTCQDSSGGLMYOSDOMHVVIGVSWGVCGGPSTPGVYTKVS 418
QY 422 AYLANMIYVWKAEL 435
DB 419 AYLANMIYVWKAEL 432

RESULT 153
US-10-063-534-112
; Sequence 112, Application US/10063534
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.

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; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,534
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-534-112

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPRKRPRIIPMETFRKVGIPRIIALLSLASIIIVVLIKVIIDKYFL 61
DB 4 DPDSQPLNSLDVPRKRPRIIPMETFRKVGIPRIIALLSLASIIIVVLIKVIIDKYFL 63
QY 62 CGQPLHFI PRKQDCGELDCPLGDEBHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 121
DB 64 CGQPLHFI PRKQDCGELDCPLGDEBHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 123
QY 122 FSACPDNTEALAEATACROMGYSSKPTFAVEIGPDOLDVVEITENSQELMRNSSGPC 181
DB 124 FSACPDNTEALAEATACROMGYSSKPTFAVEIGPDOLDVVEITENSQELMRNSSGPC 178
QY 182 LSGSLVSLHCLACGSKLTTPRVVGGEBASVDSWPQVSIQYDKQVCGGSIIDPHWVLT 241
DB 179 LSGSLVSLHCLACGSKLTTPRVVGGEBASVDSWPQVSIQYDKQVCGGSIIDPHWVLT 238
QY 242 AHCFKRTDVFNWKVRASGDKLGSPPSLAVAKIIIEFNPMYRKNDIALMKLOPPLTF 301
DB 239 AHCFKRTDVFNWKVRASGDKLGSPPSLAVAKIIIEFNPMYRKNDIALMKLOPPLTF 298
QY 302 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOVLDSTRCNADAYQ 361
DB 299 GTVRPCLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOVLDSTRCNADAYQ 358
QY 362 GEVTEKMKCAGIPBEGVDTCQDSSGGLMYOSDOMHVVIGVSWGVCGGPSTPGVYTKVS 421
DB 359 GEVTEKMKCAGIPBEGVDTCQDSSGGLMYOSDOMHVVIGVSWGVCGGPSTPGVYTKVS 418
QY 422 AYLANMIYVWKAEL 435
DB 419 AYLANMIYVWKAEL 432

RESULT 154
US-10-063-536-112
; Sequence 112, Application US/10063536
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,536
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432

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TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-536-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

```

QY 2 DPDSQPLNSLDVYKPKRPRIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKYYFL 61
DB 4 DPDSQPLNSLDVYKPKRPRIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKYYFL 63
QY 62 CGQPLHPIPRKQICDGLDCEPLGEBDEHCYKSPFEGPAVAVRLSKDRSTLQVLDATGNW 121
DB 64 CGQPLHPIPRKQICDGLDCEPLGEBDEHCYKSPFEGPAVAVRLSKDRSTLQVLDATGNW 123
QY 122 FSACFDNFTALAEATACRQNGYSKPTFRAYEIGPDDLDVVEITENSQELMRNNSGFC 181
DB 124 FSACFDNFTALAEATACRQNGYSKPTFRAYEIGPDDLDVVEITENSQELMRNNSGFC 178
QY 182 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSILDPHVLTA 241
DB 179 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSILDPHVLTA 238
QY 242 AHCFRKHITVFNWKVRAAGSDKLSFPSLAVAKIIIEFNPMYKONDIALMLKQEPPLTS 301
DB 239 AHCFRKHITVFNWKVRAAGSDKLSFPSLAVAKIIIEFNPMYKONDIALMLKQEPPLTS 298
QY 302 GTVRPCLPFDEBELPATPLMIIGWFTKQNGKMSDILLQASVQVIDSTRCNADDAVQ 361
DB 299 GTVRPCLPFDEBELPATPLMIIGWFTKQNGKMSDILLQASVQVIDSTRCNADDAVQ 358
QY 362 GEVTERKMCAGIPREGVDTCQGDGSGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTVS 421
DB 359 GEVTERKMCAGIPREGVDTCQGDGSGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTVS 418
QY 422 AYLNMIYNNWKAEL 435
DB 419 AYLNMIYNNWKAEL 432

```

RESULT 155
US-10-063-537-112
Sequence 112, Application US/10063537
GENERAL INFORMATION:
APPLICANT: Eaton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,537
Prior Application removed - 2002-05-02
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-537-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;
2 DPDSQPLNSLDVYKPKRPRIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKYYFL 61

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DB 4 DPDSQPLNSLDVYKPKRPRIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKYYFL 63
QY 62 CGQPLHPIPRKQICDGLDCEPLGEBDEHCYKSPFEGPAVAVRLSKDRSTLQVLDATGNW 121
DB 64 CGQPLHPIPRKQICDGLDCEPLGEBDEHCYKSPFEGPAVAVRLSKDRSTLQVLDATGNW 123
QY 122 FSACFDNFTALAEATACRQNGYSKPTFRAYEIGPDDLDVVEITENSQELMRNNSGFC 181
DB 124 FSACFDNFTALAEATACRQNGYSKPTFRAYEIGPDDLDVVEITENSQELMRNNSGFC 178
QY 182 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSILDPHVLTA 241
DB 179 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKQHVCGSILDPHVLTA 238
QY 242 AHCFRKHITVFNWKVRAAGSDKLSFPSLAVAKIIIEFNPMYKONDIALMLKQEPPLTS 301
DB 239 AHCFRKHITVFNWKVRAAGSDKLSFPSLAVAKIIIEFNPMYKONDIALMLKQEPPLTS 298
QY 302 GTVRPCLPFDEBELPATPLMIIGWFTKQNGKMSDILLQASVQVIDSTRCNADDAVQ 361
DB 299 GTVRPCLPFDEBELPATPLMIIGWFTKQNGKMSDILLQASVQVIDSTRCNADDAVQ 358
QY 362 GEVTERKMCAGIPREGVDTCQGDGSGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTVS 421
DB 359 GEVTERKMCAGIPREGVDTCQGDGSGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTVS 418
QY 422 AYLNMIYNNWKAEL 435
DB 419 AYLNMIYNNWKAEL 432

```

RESULT 156
US-10-063-538-112
Sequence 112, Application US/10063538
GENERAL INFORMATION:
APPLICANT: Eaton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,538
Prior Application removed - 2002-05-02
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-538-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;
2 DPDSQPLNSLDVYKPKRPRIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKYYFL 61
DB 4 DPDSQPLNSLDVYKPKRPRIPMETFRKVGIPITIALSLASIIIVVLIKVLIDKYYFL 63
QY 62 CGQPLHPIPRKQICDGLDCEPLGEBDEHCYKSPFEGPAVAVRLSKDRSTLQVLDATGNW 121
DB 64 CGQPLHPIPRKQICDGLDCEPLGEBDEHCYKSPFEGPAVAVRLSKDRSTLQVLDATGNW 123
QY 122 FSACFDNFTALAEATACRQNGYSKPTFRAYEIGPDDLDVVEITENSQELMRNNSGFC 181
DB 124 FSACFDNFTALAEATACRQNGYSKPTFRAYEIGPDDLDVVEITENSQELMRNNSGFC 178

QY 182 LSGSLVSLHCLACGSKSLKTRPVVGGEEASVDSWPMQVSIQYDKOHVCGSILDPHMLTA 241
DB 179 LSGSLVSLHCLACGSKSLKTRPVVGGEEASVDSWPMQVSIQYDKOHVCGSILDPHMLTA 238
QY 242 AHCERKHTDVNNWKVRASDGLSGFSPSLAVAKIIIIIEPNMYPKONDIALMKLOPPLTF 301
DB 239 AHCERKHTDVNNWKVRASDGLSGFSPSLAVAKIIIIIEPNMYPKONDIALMKLOPPLTF 298
QY 302 GTVRPCLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCNADAYQ 361
DB 299 GTVRPCLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCNADAYQ 358
QY 362 GEYTERKMCAGIPGSGVDTCCGDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
DB 359 GEYTERKMCAGIPGSGVDTCCGDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEI 435
DB 419 AYLNMIYVWKAEI 432

RESULT 157

US-10-063-540-112
; Sequence 112, Application US/10063540
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Macanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,540
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-540-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPSDQPLNSLDVPRKRPRIIPMETFRKVGIIPIIIALLSLASIIIVVLLIVLIIDKYFL 61
DB 4 DPSDQPLNSLDVPRKRPRIIPMETFRKVGIIPIIIALLSLASIIIVVLLIVLIIDKYFL 63
QY 62 CGOPLHPIPRKQOLDCGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDSTLQVLSATGNW 121
DB 64 CGOPLHPIPRKQOLDCGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDSTLQVLSATGNW 123
QY 122 FSACFNDTEALAEATACRQWYSSKPTFRAVEIGPDOLDVVEITENSQELRMNNSGPGC 181
DB 124 FSACFNDTEALAEATACRQWYSSKPTFRAVEIGPDOLDVVEITENSQELRMNNSGPGC 178
QY 182 LSGSLVSLHCLACGSKSLKTRPVVGGEEASVDSWPMQVSIQYDKOHVCGSILDPHMLTA 241
DB 179 LSGSLVSLHCLACGSKSLKTRPVVGGEEASVDSWPMQVSIQYDKOHVCGSILDPHMLTA 238
QY 242 AHCERKHTDVNNWKVRASDGLSGFSPSLAVAKIIIIIEPNMYPKONDIALMKLOPPLTF 301
DB 239 AHCERKHTDVNNWKVRASDGLSGFSPSLAVAKIIIIIEPNMYPKONDIALMKLOPPLTF 298
QY 302 GTVRPCLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCNADAYQ 361
DB 299 GTVRPCLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCNADAYQ 358

DB 299 GTVRPCLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCNADAYQ 358
QY 362 GEYTERKMCAGIPGSGVDTCCGDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
DB 359 GEYTERKMCAGIPGSGVDTCCGDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEI 435
DB 419 AYLNMIYVWKAEI 432

RESULT 158

US-10-063-541-112
; Sequence 112, Application US/10063541
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Macanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,541
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-541-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPSDQPLNSLDVPRKRPRIIPMETFRKVGIIPIIIALLSLASIIIVVLLIVLIIDKYFL 61
DB 4 DPSDQPLNSLDVPRKRPRIIPMETFRKVGIIPIIIALLSLASIIIVVLLIVLIIDKYFL 63
QY 62 CGOPLHPIPRKQOLDCGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDSTLQVLSATGNW 121
DB 64 CGOPLHPIPRKQOLDCGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDSTLQVLSATGNW 123
QY 122 FSACFNDTEALAEATACRQWYSSKPTFRAVEIGPDOLDVVEITENSQELRMNNSGPGC 181
DB 124 FSACFNDTEALAEATACRQWYSSKPTFRAVEIGPDOLDVVEITENSQELRMNNSGPGC 178
QY 182 LSGSLVSLHCLACGSKSLKTRPVVGGEEASVDSWPMQVSIQYDKOHVCGSILDPHMLTA 241
DB 179 LSGSLVSLHCLACGSKSLKTRPVVGGEEASVDSWPMQVSIQYDKOHVCGSILDPHMLTA 238
QY 242 AHCERKHTDVNNWKVRASDGLSGFSPSLAVAKIIIIIEPNMYPKONDIALMKLOPPLTF 301
DB 239 AHCERKHTDVNNWKVRASDGLSGFSPSLAVAKIIIIIEPNMYPKONDIALMKLOPPLTF 298
QY 302 GTVRPCLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCNADAYQ 361
DB 299 GTVRPCLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOYIDSTRCNADAYQ 358
QY 362 GEYTERKMCAGIPGSGVDTCCGDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
DB 359 GEYTERKMCAGIPGSGVDTCCGDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEI 435
DB 419 AYLNMIYVWKAEI 432

```
RESULT 159
US-10-063-544-112
; Sequence 112, Application US/10063544
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerltseu, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,544
; PRIOR FILING DATE: 2002-05-02
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-544-112

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVKKPKRPIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKXYFL 61
DB 4 DPDSQPLNSLDVKKPKRPIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKXYFL 63
QY 62 CGOPLHFIIRKQICDGEIDCPLEGDEBHCVKSPFEGPAVAVRLSKDSTLQVLD SATGNW 121
DB 64 CGOPLHFIIRKQICDGEIDCPLEGDEBHCVKSPFEGPAVAVRLSKDSTLQVLD SATGNW 123
QY 122 FSACFNFTALAEATACROMGYSKPTPRAVEIGPDODLDVETIENSQELRMNRS SGP 181
DB 124 FSACFNFTALAEATACROMGYSKPTPRAVEIGPDODLDVETIENSQELRMNRS SGP 178
QY 182 LSGSLVSLHCLACGSLKTPRVVGGEEASVDSWPMQVSIQYDKQHCVCSSILDPHVLTA 241
DB 179 LSGSLVSLHCLACGSLKTPRVVGGEEASVDSWPMQVSIQYDKQHCVCSSILDPHVLTA 238
QY 242 AHCRKHTDVFNMKVRASGDKLSFSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 301
DB 239 AHCRKHTDVFNMKVRASGDKLSFSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 298
QY 302 GTVRPILCPFPDEELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 361
DB 299 GTVRPILCPFPDEELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 358
QY 362 GEVTERKMMKAGIPBGGVDTCCGDSGGPLMYQSDQMHVVGIVSWGCGGSPSTPGVYTKVS 421
DB 359 GEVTERKMMKAGIPBGGVDTCCGDSGGPLMYQSDQMHVVGIVSWGCGGSPSTPGVYTKVS 418
QY 422 AYLANMIYVWKAEI 435
DB 419 AYLANMIYVWKAEI 432

RESULT 160
US-10-063-546-112
; Sequence 112, Application US/10063546
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerltseu, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,546
; PRIOR FILING DATE: 2002-05-02
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-546-112
```

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; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,546
; PRIOR FILING DATE: 2002-05-02
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-546-112

Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVKKPKRPIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKXYFL 61
DB 4 DPDSQPLNSLDVKKPKRPIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKXYFL 63
QY 62 CGOPLHFIIRKQICDGEIDCPLEGDEBHCVKSPFEGPAVAVRLSKDSTLQVLD SATGNW 121
DB 64 CGOPLHFIIRKQICDGEIDCPLEGDEBHCVKSPFEGPAVAVRLSKDSTLQVLD SATGNW 123
QY 122 FSACFNFTALAEATACROMGYSKPTPRAVEIGPDODLDVETIENSQELRMNRS SGP 181
DB 124 FSACFNFTALAEATACROMGYSKPTPRAVEIGPDODLDVETIENSQELRMNRS SGP 178
QY 182 LSGSLVSLHCLACGSLKTPRVVGGEEASVDSWPMQVSIQYDKQHCVCSSILDPHVLTA 241
DB 179 LSGSLVSLHCLACGSLKTPRVVGGEEASVDSWPMQVSIQYDKQHCVCSSILDPHVLTA 238
QY 242 AHCRKHTDVFNMKVRASGDKLSFSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 301
DB 239 AHCRKHTDVFNMKVRASGDKLSFSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 298
QY 302 GTVRPILCPFPDEELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 361
DB 299 GTVRPILCPFPDEELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADDAVQ 358
QY 362 GEVTERKMMKAGIPBGGVDTCCGDSGGPLMYQSDQMHVVGIVSWGCGGSPSTPGVYTKVS 421
DB 359 GEVTERKMMKAGIPBGGVDTCCGDSGGPLMYQSDQMHVVGIVSWGCGGSPSTPGVYTKVS 418
QY 422 AYLANMIYVWKAEI 435
DB 419 AYLANMIYVWKAEI 432

RESULT 161
US-10-063-547-112
; Sequence 112, Application US/10063547
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerltseu, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,547
; PRIOR FILING DATE: 2002-05-02
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
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NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-547-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVYKLRKPRIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 61
DB 4 DPDSQPLNSLDVYKLRKPRIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 63
QY 62 CGQPLHFI PRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 121
DB 64 CGQPLHFI PRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 123
QY 122 FSACFDNFTALAEATACRQMGYSKPTFRRAVEIGPDOLDVVEITENSQELRMNNSGPC 181
DB 124 FSACFDNFTALAEATACRQMGYSKPTFRRAVEIGPDOLDVVEITENSQELRMNNSGPC 178
QY 182 LSGSLVSLHCLACGSKLTPRVVGGEBASVDSMPQVSIQYDKQHVCGSILDPHVVLT 241
DB 179 LSGSLVSLHCLACGSKLTPRVVGGEBASVDSMPQVSIQYDKQHVCGSILDPHVVLT 238
QY 242 AHCRKHTDVFNWVRAGSDKLGSPSLAVAKIIIEFNPMYPRONDIALMKLOPPLTFS 301
DB 239 AHCRKHTDVFNWVRAGSDKLGSPSLAVAKIIIEFNPMYPRONDIALMKLOPPLTFS 298
QY 302 GTVAPICLPFDEBELTPATPLMIIGWFTKQNGKMSDILLQASVQVYDSTRCANADAYQ 361
DB 299 GTVAPICLPFDEBELTPATPLMIIGWFTKQNGKMSDILLQASVQVYDSTRCANADAYQ 358
QY 362 GEVTERKMKACGIPRGGVDTCCGDSGGLMYQSDQMHVVGIVSWGCGGSPSTPGVYTKVS 421
DB 359 GEVTERKMKACGIPRGGVDTCCGDSGGLMYQSDQMHVVGIVSWGCGGSPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEL 435
DB 419 AYLNMIYVWKAEL 432

RESULT 162

US-10-063-548-112
Sequence 112, Application US/10063548

GENERAL INFORMATION:
APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,548
CURRENT FILING DATE: 2002-05-02
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-548-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVYKLRKPRIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 61
DB 4 DPDSQPLNSLDVYKLRKPRIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 63
QY 62 CGQPLHFI PRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 121
DB 64 CGQPLHFI PRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 123
QY 122 FSACFDNFTALAEATACRQMGYSKPTFRRAVEIGPDOLDVVEITENSQELRMNNSGPC 181
DB 124 FSACFDNFTALAEATACRQMGYSKPTFRRAVEIGPDOLDVVEITENSQELRMNNSGPC 178
QY 182 LSGSLVSLHCLACGSKLTPRVVGGEBASVDSMPQVSIQYDKQHVCGSILDPHVVLT 241
DB 179 LSGSLVSLHCLACGSKLTPRVVGGEBASVDSMPQVSIQYDKQHVCGSILDPHVVLT 238
QY 242 AHCRKHTDVFNWVRAGSDKLGSPSLAVAKIIIEFNPMYPRONDIALMKLOPPLTFS 301
DB 239 AHCRKHTDVFNWVRAGSDKLGSPSLAVAKIIIEFNPMYPRONDIALMKLOPPLTFS 298
QY 302 GTVAPICLPFDEBELTPATPLMIIGWFTKQNGKMSDILLQASVQVYDSTRCANADAYQ 361
DB 299 GTVAPICLPFDEBELTPATPLMIIGWFTKQNGKMSDILLQASVQVYDSTRCANADAYQ 358
QY 362 GEVTERKMKACGIPRGGVDTCCGDSGGLMYQSDQMHVVGIVSWGCGGSPSTPGVYTKVS 421
DB 359 GEVTERKMKACGIPRGGVDTCCGDSGGLMYQSDQMHVVGIVSWGCGGSPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEL 435
DB 419 AYLNMIYVWKAEL 432

RESULT 163

US-10-063-549-112
Sequence 112, Application US/10063549

GENERAL INFORMATION:
APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,549
CURRENT FILING DATE: 2002-05-02
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-549-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVYKLRKPRIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 61
DB 4 DPDSQPLNSLDVYKLRKPRIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 63
QY 62 CGQPLHFI PRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 121
DB 64 CGQPLHFI PRKQLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKDRSTLQVLD SATGNW 123
QY 122 FSACFDNFTALAEATACRQMGYSKPTFRRAVEIGPDOLDVVEITENSQELRMNNSGPC 181

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Db 124 FSACFDNFTEALAEATACRQMGYS-----RAVEIGPDODLDVVEITENSQELARNSSGPC 178
Qy 182 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKOHVCGGSIIDPHVWLT 241
Db 179 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKOHVCGGSIIDPHVWLT 238
Qy 242 AHCFRKHITDVFNMKVRAAGSDKLSFPSLAVALKIIIEFNPMPKONDIALMQLQPLTFS 301
Db 239 AHCFRKHITDVFNMKVRAAGSDKLSFPSLAVALKIIIEFNPMPKONDIALMQLQPLTFS 298
Qy 302 GTVRPILCPFFDEELTPATPLMIIGWFTKONGKNSDILLQASVQVIDSTRCNADDAVQ 361
Db 299 GTVRPILCPFFDEELTPATPLMIIGWFTKONGKNSDILLQASVQVIDSTRCNADDAVQ 358
Qy 362 GEYTERKMCAGIPBEGVDTCQGDSSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
Db 359 GEYTERKMCAGIPBEGVDTCQGDSSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
Qy 422 AYLNWITYNWKAEL 435
Db 419 AYLNWITYNWKAEL 432
```

```
RESULT 164
US-10-063-551-112
; Sequence 112, Application US/10063551
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,551
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-551-112
```

```
Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

Qy 2 DPDSQPLNSLDVPELKRPRIPMETFRKVGIPILIALSLASIIIVVLLKVLIDKXYFL 61
Db 4 DPDSQPLNSLDVPELKRPRIPMETFRKVGIPILIALSLASIIIVVLLKVLIDKXYFL 63
Qy 62 CGQPLHFIPIRQKQCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKRSTLQVLD SATGW 121
Db 64 CGQPLHFIPIRQKQCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKRSTLQVLD SATGW 123
Qy 122 FSACFDNFTEALAEATACRQMGYSKPTFRAVEIGPDODLDVVEITENSQELARNSSGPC 181
Db 124 FSACFDNFTEALAEATACRQMGYS-----RAVEIGPDODLDVVEITENSQELARNSSGPC 178
Qy 182 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKOHVCGGSIIDPHVWLT 241
Db 179 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKOHVCGGSIIDPHVWLT 238
Qy 242 AHCFRKHITDVFNMKVRAAGSDKLSFPSLAVALKIIIEFNPMPKONDIALMQLQPLTFS 301
Db 239 AHCFRKHITDVFNMKVRAAGSDKLSFPSLAVALKIIIEFNPMPKONDIALMQLQPLTFS 298
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Qy 302 GTVRPILCPFFDEELTPATPLMIIGWFTKONGKNSDILLQASVQVIDSTRCNADDAVQ 361
Db 299 GTVRPILCPFFDEELTPATPLMIIGWFTKONGKNSDILLQASVQVIDSTRCNADDAVQ 358
Qy 362 GEYTERKMCAGIPBEGVDTCQGDSSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
Db 359 GEYTERKMCAGIPBEGVDTCQGDSSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
Qy 422 AYLNWITYNWKAEL 435
Db 419 AYLNWITYNWKAEL 432
```

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RESULT 165
US-10-063-553-112
; Sequence 112, Application US/10063553
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,553
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-553-112
```

```
Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

Qy 2 DPDSQPLNSLDVPELKRPRIPMETFRKVGIPILIALSLASIIIVVLLKVLIDKXYFL 61
Db 4 DPDSQPLNSLDVPELKRPRIPMETFRKVGIPILIALSLASIIIVVLLKVLIDKXYFL 63
Qy 62 CGQPLHFIPIRQKQCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKRSTLQVLD SATGW 121
Db 64 CGQPLHFIPIRQKQCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKRSTLQVLD SATGW 123
Qy 122 FSACFDNFTEALAEATACRQMGYSKPTFRAVEIGPDODLDVVEITENSQELARNSSGPC 181
Db 124 FSACFDNFTEALAEATACRQMGYS-----RAVEIGPDODLDVVEITENSQELARNSSGPC 178
Qy 182 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKOHVCGGSIIDPHVWLT 241
Db 179 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPMQVSIQYDKOHVCGGSIIDPHVWLT 238
Qy 242 AHCFRKHITDVFNMKVRAAGSDKLSFPSLAVALKIIIEFNPMPKONDIALMQLQPLTFS 301
Db 239 AHCFRKHITDVFNMKVRAAGSDKLSFPSLAVALKIIIEFNPMPKONDIALMQLQPLTFS 298
Qy 302 GTVRPILCPFFDEELTPATPLMIIGWFTKONGKNSDILLQASVQVIDSTRCNADDAVQ 361
Db 299 GTVRPILCPFFDEELTPATPLMIIGWFTKONGKNSDILLQASVQVIDSTRCNADDAVQ 358
Qy 362 GEYTERKMCAGIPBEGVDTCQGDSSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
Db 359 GEYTERKMCAGIPBEGVDTCQGDSSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
Qy 422 AYLNWITYNWKAEL 435
```

Db 419 AYLNWYVWKAEI 432

|||||

RESULT 166

US-10-063-554-112

Sequence 112, Application US/10063554

GENERAL INFORMATION:

APPLICANT: Baton, Dan L.

APPLICANT: Filvaroff, Ellen

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Gutney, Austin L.

APPLICANT: Matanabe, Colin K.

APPLICANT: Wood, William I.

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3230R1C1

CURRENT APPLICATION NUMBER: US/10/063,554

CURRENT FILING DATE: 2002-05-02

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 170

SEQ ID NO 112

LENGTH: 432

TYPE: PRT

ORGANISM: Homo Sapien

US-10-063-554-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;

Best Local Similarity 98.8%; Pred. No. 7.4e-216;

Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

Db 419 AYLNWYVWKAEI 432

2 DPDSQPLNSLDVPLKRPRIIPMETPRKVGIPITIALSLASIIIVVLIKVILDKYYFL 61

4 DPDSQPLNSLDVPLKRPRIIPMETPRKVGIPITIALSLASIIIVVLIKVILDKYYFL 63

62 CGQPLHPIPRKQLCDGELDCPLGDEBHCYKSPFEGPAVAVRLSKDSTLQVLDSATGNW 121

64 CGQPLHPIPRKQLCDGELDCPLGDEBHCYKSPFEGPAVAVRLSKDSTLQVLDSATGNW 123

122 FSACFDNPTZLAETACRQMGYSKPTFRAYEIGPDOLDVETITENSQELPMRNSGSPC 181

124 FSACFDNPTZLAETACRQMGYSKPTFRAYEIGPDOLDVETITENSQELPMRNSGSPC 178

182 LSGSLVSLHCLACGSKLTPRVVGEERASVDSMPQVSIQYDKQHVCGSILDPHMYLTA 241

179 LSGSLVSLHCLACGSKLTPRVVGEERASVDSMPQVSIQYDKQHVCGSILDPHMYLTA 238

242 AHCFRKHDTVNMKVRASGDKLGSFPLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 301

239 AHCFRKHDTVNMKVRASGDKLGSFPLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 298

302 GTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILQASVQVIDSTRCNADDAVQ 361

299 GTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILQASVQVIDSTRCNADDAVQ 358

362 GEVTEKMKACGIPREGVDTCQSDSGPLMYOSDQMHVGVISWGYCGGSPSTPGVYTVS 421

359 GEVTEKMKACGIPREGVDTCQSDSGPLMYOSDQMHVGVISWGYCGGSPSTPGVYTVS 418

422 AYLNWYVWKAEI 435

419 AYLNWYVWKAEI 432

RESULT 167

US-10-063-555-112

Sequence 112, Application US/10063555

GENERAL INFORMATION:

APPLICANT: Baton, Dan L.

APPLICANT: Filvaroff, Ellen

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Gutney, Austin L.

APPLICANT: Matanabe, Colin K.

APPLICANT: Wood, William I.

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3230R1C1

CURRENT APPLICATION NUMBER: US/10/063,555

CURRENT FILING DATE: 2002-05-02

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 170

SEQ ID NO 112

LENGTH: 432

TYPE: PRT

ORGANISM: Homo Sapien

US-10-063-555-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;

Best Local Similarity 98.8%; Pred. No. 7.4e-216;

Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

Db 419 AYLNWYVWKAEI 432

2 DPDSQPLNSLDVPLKRPRIIPMETPRKVGIPITIALSLASIIIVVLIKVILDKYYFL 61

4 DPDSQPLNSLDVPLKRPRIIPMETPRKVGIPITIALSLASIIIVVLIKVILDKYYFL 63

62 CGQPLHPIPRKQLCDGELDCPLGDEBHCYKSPFEGPAVAVRLSKDSTLQVLDSATGNW 121

64 CGQPLHPIPRKQLCDGELDCPLGDEBHCYKSPFEGPAVAVRLSKDSTLQVLDSATGNW 123

122 FSACFDNPTZLAETACRQMGYSKPTFRAYEIGPDOLDVETITENSQELPMRNSGSPC 181

124 FSACFDNPTZLAETACRQMGYSKPTFRAYEIGPDOLDVETITENSQELPMRNSGSPC 178

182 LSGSLVSLHCLACGSKLTPRVVGEERASVDSMPQVSIQYDKQHVCGSILDPHMYLTA 241

179 LSGSLVSLHCLACGSKLTPRVVGEERASVDSMPQVSIQYDKQHVCGSILDPHMYLTA 238

242 AHCFRKHDTVNMKVRASGDKLGSFPLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 301

239 AHCFRKHDTVNMKVRASGDKLGSFPLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 298

302 GTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILQASVQVIDSTRCNADDAVQ 361

299 GTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILQASVQVIDSTRCNADDAVQ 358

362 GEVTEKMKACGIPREGVDTCQSDSGPLMYOSDQMHVGVISWGYCGGSPSTPGVYTVS 421

359 GEVTEKMKACGIPREGVDTCQSDSGPLMYOSDQMHVGVISWGYCGGSPSTPGVYTVS 418

422 AYLNWYVWKAEI 435

419 AYLNWYVWKAEI 432

RESULT 168

US-10-063-557-112

Sequence 112, Application US/10063557

GENERAL INFORMATION:

APPLICANT: Genentech, Inc.

APPLICANT: Baton, Dan L.

APPLICANT: Filvaroff, Ellen

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Gutney, Austin L.

APPLICANT: Matanabe, Colin K.

APPLICANT: Wood, William I.

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME

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FILE REFERENCE: GNE.3230R1C39
CURRENT APPLICATION NUMBER: US/10/063,557
PRIOR FILING DATE: 2002-05-02
PRIOR APPLICATION NUMBER: PCT/US00/23328
PRIOR FILING DATE: 2000-08-24
PRIOR APPLICATION NUMBER: PCT/US99/20111
PRIOR FILING DATE: 1999-09-01
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: US 60/169,495
PRIOR FILING DATE: 1999-12-07
PRIOR APPLICATION NUMBER: US 60/170,262
PRIOR FILING DATE: 1999-12-09
PRIOR APPLICATION NUMBER: US 60/175,481
PRIOR FILING DATE: 2000-01-11
PRIOR APPLICATION NUMBER: PCT/US00/04341
PRIOR FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/US00/04342
PRIOR FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: PCT/US00/05601
PRIOR FILING DATE: 2000-03-01
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-557-112
```

```
Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVKKLRKPRIPMETFRKVGIPITIALSLASITIVVLLIKVILDKTYFL 61
DB 4 DPDSQPLNSLDVKKLRKPRIPMETFRKVGIPITIALSLASITIVVLLIKVILDKTYFL 63
QY 62 CGQPLHFIPIKQLOCGELDCPLGDEDEHCVKSPFEGPAVAARLSKDRSTLOVLSAGNW 121
DB 64 CGQPLHFIPIKQLOCGELDCPLGDEDEHCVKSPFEGPAVAARLSKDRSTLOVLSAGNW 123
QY 122 FSACGDNTEALAEATACQMGYSKPTFRAVEIGPDLDLVEITENSQELRMNSGSPC 181
DB 124 FSACGDNTEALAEATACQMGYSKPTFRAVEIGPDLDLVEITENSQELRMNSGSPC 178
QY 182 LSGSLVSLHCLACGSKLTPRVVGEEASVDSWPMQVSIQYDKQHVCGSILDPHWLTA 241
DB 179 LSGSLVSLHCLACGSKLTPRVVGEEASVDSWPMQVSIQYDKQHVCGSILDPHWLTA 238
QY 242 AHCRKHTDVFNWVRASGDKLGSFSLAAVAKIIIFENMYPKNDIALMKLOPLTTS 301
DB 239 AHCRKHTDVFNWVRASGDKLGSFSLAAVAKIIIFENMYPKNDIALMKLOPLTTS 298
QY 302 GYVAPICLPFDEDELTPATPLMIIGWFTYKONGSKSDIILQASVOYIDSTRCNADAYQ 361
DB 299 GYVAPICLPFDEDELTPATPLMIIGWFTYKONGSKSDIILQASVOYIDSTRCNADAYQ 358
QY 362 GEVTERKMGAGIPREGVDTCQSDSGGPIYQSDQMHVGVISVGVCGGSPGVYTKYS 421
DB 359 GEVTERKMGAGIPREGVDTCQSDSGGPIYQSDQMHVGVISVGVCGGSPGVYTKYS 418
QY 422 AYNNMIYVWKAL 435
DB 419 AYNNMIYVWKAL 432
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RESULT 169
US-10-063-560-112
; Sequence 112, Application US/10063560
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
```

```
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Macanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,560
PRIOR FILING DATE: 2002-05-02
PRIOR APPLICATION NUMBER: 60/063435
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/064215
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/087759
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/088021
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088029
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088030
PRIOR FILING DATE: 1998-06-04
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PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088740
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088811
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088824
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088825
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088863
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/089105
PRIOR FILING DATE: 1998-06-12
PRIOR APPLICATION NUMBER: 60/089514
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089653
PRIOR FILING DATE: 1998-06-17
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PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/090246
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090444
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090688
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090696
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090862
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/091628
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/096012
PRIOR FILING DATE: 1998-08-10
PRIOR APPLICATION NUMBER: 60/096757
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: 60/096949
PRIOR FILING DATE: 1998-08-18
PRIOR APPLICATION NUMBER: 60/096959
PRIOR FILING DATE: 1998-08-18
PRIOR APPLICATION NUMBER: 60/097954
PRIOR FILING DATE: 1998-08-26
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PRIOR APPLICATION NUMBER: 60/097971
PRIOR FILING DATE: 1998-08-26
PRIOR APPLICATION NUMBER: 60/097979
PRIOR FILING DATE: 1998-08-26
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/099741
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099763
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099792
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099812
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099815
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/100627
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100662
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100683
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100684
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100930
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/101279
PRIOR FILING DATE: 1998-09-22
PRIOR APPLICATION NUMBER: 60/101475
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101738
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101743
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101916
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/102570
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/103449
PRIOR FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: 60/103678
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103679
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103711
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/105000
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105002
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105881
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/106030
PRIOR FILING DATE: 1998-10-28
PRIOR APPLICATION NUMBER: 60/106464
PRIOR FILING DATE: 1998-10-30
PRIOR APPLICATION NUMBER: 60/106856
PRIOR FILING DATE: 1998-11-03
PRIOR APPLICATION NUMBER: 60/108807
PRIOR FILING DATE: 1998-11-17
PRIOR APPLICATION NUMBER: 60/112419
PRIOR FILING DATE: 1998-12-15
PRIOR APPLICATION NUMBER: 60/112422
PRIOR FILING DATE: 1998-12-15
PRIOR APPLICATION NUMBER: 60/112853
PRIOR FILING DATE: 1998-12-16
PRIOR APPLICATION NUMBER: 60/113011
PRIOR FILING DATE: 1998-12-16
PRIOR APPLICATION NUMBER: 60/112854
PRIOR FILING DATE: 1998-12-16
PRIOR APPLICATION NUMBER: 60/113300
PRIOR FILING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: 60/113408

PRIOR FILING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: 60/113430
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/113621
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/114223
PRIOR FILING DATE: 1998-12-30
PRIOR APPLICATION NUMBER: 60/115614
PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/116527
PRIOR FILING DATE: 1999-01-20
PRIOR APPLICATION NUMBER: 60/116843
PRIOR FILING DATE: 1999-01-22
PRIOR APPLICATION NUMBER: 60/119285
PRIOR FILING DATE: 1999-02-09
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PRIOR FILING DATE: 1999-02-09
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PRIOR APPLICATION NUMBER: 60/119549
PRIOR FILING DATE: 1999-02-10
PRIOR APPLICATION NUMBER: 60/120014
PRIOR FILING DATE: 1999-02-11
PRIOR APPLICATION NUMBER: 60/129122
PRIOR FILING DATE: 1999-04-13
PRIOR APPLICATION NUMBER: 60/129674
PRIOR FILING DATE: 1999-04-16
PRIOR APPLICATION NUMBER: 60/131291
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/136387
PRIOR FILING DATE: 1999-06-09
PRIOR APPLICATION NUMBER: 60/144791
PRIOR FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: 60/169495
PRIOR FILING DATE: 1999-12-07
PRIOR APPLICATION NUMBER: 60/175481
PRIOR FILING DATE: 2000-01-11
PRIOR APPLICATION NUMBER: 60/191007
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/199397
PRIOR FILING DATE: 2000-04-25
PRIOR APPLICATION NUMBER: 09/380139
PRIOR FILING DATE: 1998-08-25
PRIOR APPLICATION NUMBER: 09/311832
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: 09/380137
PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/380138
PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/380142
PRIOR FILING DATE: 1999-08-25

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVYKLRPRIPMEFRKVGIPITIIALSLASTIIIVWLIRKIYILDKXYFL 61
DB 4 DPDSQPLNSLDVYKLRPRIPMEFRKVGIPITIIALSLASTIIIVWLIRKIYILDKXYFL 63
QY 62 CGOPLHFIIPKOLCGEIDCPGSEDEHCYVSFPFGPAVAAYLSKDRSTLQVLSBATGNW 121
DB 64 CGOPLHFIIPKOLCGEIDCPGSEDEHCYVSFPFGPAVAAYLSKDRSTLQVLSBATGNW 123
QY 122 FSACPDNFTALATFACROMGYSSKPTFAVEIGPDOLDVVEITENSQELMRNSSGPC 181
DB 124 FSACPDNFTALATFACROMGYSSKPTFAVEIGPDOLDVVEITENSQELMRNSSGPC 178
QY 182 LSGSLVSLHCLACGSLKTPRVVGESEASVSWPQVSIQVDKQHVCGSIIIDPMVYLA 241
DB 179 LSGSLVSLHCLACGSLKTPRVVGESEASVSWPQVSIQVDKQHVCGSIIIDPMVYLA 238
QY 242 AHCFKHTDVFEMKVRAGSDKLGSPSLAVAKIIIEFRPMYKXNDIALMKLQEPPLTFS 301

```
Db 239 AHCFRKHITDVFNWVKRASDLGSPSLAAVKIIITFENPMYPKNDIALMKLOFPLTFS 298
Qy 302 GTVAPICLPFDEELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCANADAYQ 361
Db 299 GTVAPICLPFDEELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCANADAYQ 358
Qy 362 GEYTERKMCAGIPBEGVDTCQDGSGLPLMYQSDQMHVGVISWGYGCGGSPSTPGVYTVS 421
Db 359 GEYTERKMCAGIPBEGVDTCQDGSGLPLMYQSDQMHVGVISWGYGCGGSPSTPGVYTVS 418
Qy 422 AYLMWYINWKAEL 435
Db 419 AYLMWYINWKAEL 432

RESULT 170
US-10-063-561-112
; Sequence 112, Application US/10063561
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,561
; PRIOR FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-561-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

Qy 2 DSDSQPLNSLDVFKLRPRIPMETFRKVGIPITIIALLSLASIIIVVLLKVIIDKYYFL 61
Db 4 DSDSQPLNSLDVFKLRPRIPMETFRKVGIPITIIALLSLASIIIVVLLKVIIDKYYFL 63
Qy 62 CGQPLHFIPIRQKQDCELDCEPLGEDEHCVKSPFEGAVAVRLSKDSTIQVIDSATGNW 121
Db 64 CGQPLHFIPIRQKQDCELDCEPLGEDEHCVKSPFEGAVAVRLSKDSTIQVIDSATGNW 123
Qy 122 PSACFDNFTALATACRQMGYSKPTFRAVEIGPDQDLVVEITENSQELRRNNSGPG 181
Db 124 PSACFDNFTALATACRQMGYSKPTFRAVEIGPDQDLVVEITENSQELRRNNSGPG 178
Qy 182 LSGSLVSLHCLACGKSLKTRPVVGGEEASVDSMPWQVSIQYDKOHVCGGSIIIDPHVWLT 241
Db 179 LSGSLVSLHCLACGKSLKTRPVVGGEEASVDSMPWQVSIQYDKOHVCGGSIIIDPHVWLT 238
Qy 242 AHCFRKHITDVFNWVKRASDKLSPSLAAVKIIITFENPMYPKNDIALMKLOFPLTFS 301
Db 239 AHCFRKHITDVFNWVKRASDKLSPSLAAVKIIITFENPMYPKNDIALMKLOFPLTFS 298
Qy 302 GTVAPICLPFDEELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCANADAYQ 361
Db 299 GTVAPICLPFDEELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCANADAYQ 358
Qy 362 GEYTERKMCAGIPBEGVDTCQDGSGLPLMYQSDQMHVGVISWGYGCGGSPSTPGVYTVS 421
Db 359 GEYTERKMCAGIPBEGVDTCQDGSGLPLMYQSDQMHVGVISWGYGCGGSPSTPGVYTVS 418
```

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Qy 422 AYLMWYINWKAEL 435
Db 419 AYLMWYINWKAEL 432

RESULT 171
US-10-063-562-112
; Sequence 112, Application US/10063562
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,562
; PRIOR FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-562-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

Qy 2 DSDSQPLNSLDVFKLRPRIPMETFRKVGIPITIIALLSLASIIIVVLLKVIIDKYYFL 61
Db 4 DSDSQPLNSLDVFKLRPRIPMETFRKVGIPITIIALLSLASIIIVVLLKVIIDKYYFL 63
Qy 62 CGQPLHFIPIRQKQDCELDCEPLGEDEHCVKSPFEGAVAVRLSKDSTIQVIDSATGNW 121
Db 64 CGQPLHFIPIRQKQDCELDCEPLGEDEHCVKSPFEGAVAVRLSKDSTIQVIDSATGNW 123
Qy 122 PSACFDNFTALATACRQMGYSKPTFRAVEIGPDQDLVVEITENSQELRRNNSGPG 181
Db 124 PSACFDNFTALATACRQMGYSKPTFRAVEIGPDQDLVVEITENSQELRRNNSGPG 178
Qy 182 LSGSLVSLHCLACGKSLKTRPVVGGEEASVDSMPWQVSIQYDKOHVCGGSIIIDPHVWLT 241
Db 179 LSGSLVSLHCLACGKSLKTRPVVGGEEASVDSMPWQVSIQYDKOHVCGGSIIIDPHVWLT 238
Qy 242 AHCFRKHITDVFNWVKRASDKLSPSLAAVKIIITFENPMYPKNDIALMKLOFPLTFS 301
Db 239 AHCFRKHITDVFNWVKRASDKLSPSLAAVKIIITFENPMYPKNDIALMKLOFPLTFS 298
Qy 302 GTVAPICLPFDEELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCANADAYQ 361
Db 299 GTVAPICLPFDEELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCANADAYQ 358
Qy 362 GEYTERKMCAGIPBEGVDTCQDGSGLPLMYQSDQMHVGVISWGYGCGGSPSTPGVYTVS 421
Db 359 GEYTERKMCAGIPBEGVDTCQDGSGLPLMYQSDQMHVGVISWGYGCGGSPSTPGVYTVS 418
Qy 422 AYLMWYINWKAEL 435
Db 419 AYLMWYINWKAEL 432

RESULT 172
US-10-063-563-112
; Sequence 112, Application US/10063563
; GENERAL INFORMATION:
```

```

; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,563
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-063-563-112

Query Match          98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216; Indels 5; Gaps 1;
Matches 429; Conservative 0; Mismatches 0;

QY 2 DPDSQPLNSLDVPRKRPRIPEMTEFRKVGPIIITALLSLASIIIVVLIKIVLDKYYFL 61
DB 4 DPDSQPLNSLDVPRKRPRIPEMTEFRKVGPIIITALLSLASIIIVVLIKIVLDKYYFL 63
QY 62 CGOPLHPIPRKQDCGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLSATGNW 121
DB 64 CGOPLHPIPRKQDCGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLSATGNW 123
QY 122 PSACPDNTTEALAEFACQMGYSSKPTRFAVEIGPDODLVEIETENSGELMRNMSGPC 181
DB 124 PSACPDNTTEALAEFACQMGYS-----RAVEIGPDODLVEIETENSGELMRNMSGPC 178
QY 182 LSGSLVSLHCLACGSLKTPRVGGEASVDSWPQVSIQYDKQHVCGSILDPHMLVLA 241
DB 179 LSGSLVSLHCLACGSLKTPRVGGEASVDSWPQVSIQYDKQHVCGSILDPHMLVLA 238
QY 242 AHCFKHTDVFNWKVRAGSDKLGSPSLAVAKIIIEFNPMYKONDIALMKLQPLTFPS 301
DB 239 AHCFKHTDVFNWKVRAGSDKLGSPSLAVAKIIIEFNPMYKONDIALMKLQPLTFPS 298
QY 302 GTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 361
DB 299 GTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 358
QY 362 GEVTEKMMKAGIPREGGVDTCCGDSGGLMYQSDQMHVVGIVSWGVCGGSPSTPGYTTKVS 421
DB 359 GEVTEKMMKAGIPREGGVDTCCGDSGGLMYQSDQMHVVGIVSWGVCGGSPSTPGYTTKVS 418
QY 422 AYLNMIYVWKAEL 435
DB 419 AYLNMIYVWKAEL 432

RESULT 173
US-10-063-564-112
; Sequence 112, Application US/10063564
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
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; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,564
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-063-564-112

Query Match          98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216; Indels 5; Gaps 1;
Matches 429; Conservative 0; Mismatches 0;

QY 2 DPDSQPLNSLDVPRKRPRIPEMTEFRKVGPIIITALLSLASIIIVVLIKIVLDKYYFL 61
DB 4 DPDSQPLNSLDVPRKRPRIPEMTEFRKVGPIIITALLSLASIIIVVLIKIVLDKYYFL 63
QY 62 CGOPLHPIPRKQDCGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLSATGNW 121
DB 64 CGOPLHPIPRKQDCGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLSATGNW 123
QY 122 PSACPDNTTEALAEFACQMGYSSKPTRFAVEIGPDODLVEIETENSGELMRNMSGPC 181
DB 124 PSACPDNTTEALAEFACQMGYS-----RAVEIGPDODLVEIETENSGELMRNMSGPC 178
QY 182 LSGSLVSLHCLACGSLKTPRVGGEASVDSWPQVSIQYDKQHVCGSILDPHMLVLA 241
DB 179 LSGSLVSLHCLACGSLKTPRVGGEASVDSWPQVSIQYDKQHVCGSILDPHMLVLA 238
QY 242 AHCFKHTDVFNWKVRAGSDKLGSPSLAVAKIIIEFNPMYKONDIALMKLQPLTFPS 301
DB 239 AHCFKHTDVFNWKVRAGSDKLGSPSLAVAKIIIEFNPMYKONDIALMKLQPLTFPS 298
QY 302 GTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 361
DB 299 GTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 358
QY 362 GEVTEKMMKAGIPREGGVDTCCGDSGGLMYQSDQMHVVGIVSWGVCGGSPSTPGYTTKVS 421
DB 359 GEVTEKMMKAGIPREGGVDTCCGDSGGLMYQSDQMHVVGIVSWGVCGGSPSTPGYTTKVS 418
QY 422 AYLNMIYVWKAEL 435
DB 419 AYLNMIYVWKAEL 432

RESULT 174
US-10-063-565-112
; Sequence 112, Application US/10063565
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,565
; CURRENT FILING DATE: 2002-05-02
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
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US-10-063-565-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSDPINSLDVKPLKRPRIIPMETPRKVGIPITIIALLSLASIIIVVLLIKYILDKYFL 61
DB 4 DPDSDPINSLDVKPLKRPRIIPMETPRKVGIPITIIALLSLASIIIVVLLIKYILDKYFL 63
QY 62 CGPPLHFIIPKQOLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKORSTLQVLD SATGNW 121
DB 64 CGPPLHFIIPKQOLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKORSTLQVLD SATGNW 123
QY 122 FSACFNFTEALAEATACRQWGSKPTFAVEIGPDODLDVVEITENSQELMRNSSGPC 181
DB 124 FSACFNFTEALAEATACRQWGSKPTFAVEIGPDODLDVVEITENSQELMRNSSGPC 178
QY 182 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSNPMQVSIQYDKQHCYGSILDPHVLTA 241
DB 179 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSNPMQVSIQYDKQHCYGSILDPHVLTA 238
QY 242 AHCFRKHDTVFNWKVRASDKLGSFPLAVAKIIIEFNPMYRKNDIALMKLOPLTFS 301
DB 239 AHCFRKHDTVFNWKVRASDKLGSFPLAVAKIIIEFNPMYRKNDIALMKLOPLTFS 298
QY 302 GTVRPCLPFDEBELTPATPLMTIIGWFTKONGKMSDILLQASVQVIDSTRCNADAYQ 361
DB 299 GTVRPCLPFDEBELTPATPLMTIIGWFTKONGKMSDILLQASVQVIDSTRCNADAYQ 358
QY 362 GEVTERKMCAGIPGEGVDTCCGDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
DB 359 GEVTERKMCAGIPGEGVDTCCGDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEI 435
DB 419 AYLNMIYVWKAEI 432

RESULT 175

US-10-063-566-112
Sequence 112, Application US/10063566
GENERAL INFORMATION:
APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Geritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Matanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,566
Prior Application removed - See file Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-566-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSDPINSLDVKPLKRPRIIPMETPRKVGIPITIIALLSLASIIIVVLLIKYILDKYFL 61
DB 4 DPDSDPINSLDVKPLKRPRIIPMETPRKVGIPITIIALLSLASIIIVVLLIKYILDKYFL 63

QY 62 CGPPLHFIIPKQOLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKORSTLQVLD SATGNW 121
DB 64 CGPPLHFIIPKQOLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKORSTLQVLD SATGNW 123
QY 122 FSACFNFTEALAEATACRQWGSKPTFAVEIGPDODLDVVEITENSQELMRNSSGPC 181
DB 124 FSACFNFTEALAEATACRQWGSKPTFAVEIGPDODLDVVEITENSQELMRNSSGPC 178
QY 182 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSNPMQVSIQYDKQHCYGSILDPHVLTA 241
DB 179 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSNPMQVSIQYDKQHCYGSILDPHVLTA 238
QY 242 AHCFRKHDTVFNWKVRASDKLGSFPLAVAKIIIEFNPMYRKNDIALMKLOPLTFS 301
DB 239 AHCFRKHDTVFNWKVRASDKLGSFPLAVAKIIIEFNPMYRKNDIALMKLOPLTFS 298
QY 302 GTVRPCLPFDEBELTPATPLMTIIGWFTKONGKMSDILLQASVQVIDSTRCNADAYQ 361
DB 299 GTVRPCLPFDEBELTPATPLMTIIGWFTKONGKMSDILLQASVQVIDSTRCNADAYQ 358
QY 362 GEVTERKMCAGIPGEGVDTCCGDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
DB 359 GEVTERKMCAGIPGEGVDTCCGDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEI 435
DB 419 AYLNMIYVWKAEI 432

RESULT 176

US-10-063-567-112
Sequence 112, Application US/10063567
GENERAL INFORMATION:
APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Geritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Matanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,567
Prior Application removed - See file Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-567-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSDPINSLDVKPLKRPRIIPMETPRKVGIPITIIALLSLASIIIVVLLIKYILDKYFL 61
DB 4 DPDSDPINSLDVKPLKRPRIIPMETPRKVGIPITIIALLSLASIIIVVLLIKYILDKYFL 63
QY 62 CGPPLHFIIPKQOLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKORSTLQVLD SATGNW 121
DB 64 CGPPLHFIIPKQOLCDGELDCPLGDEBEHCYKSPFEGPAVAVRLSKORSTLQVLD SATGNW 123
QY 122 FSACFNFTEALAEATACRQWGSKPTFAVEIGPDODLDVVEITENSQELMRNSSGPC 181
DB 124 FSACFNFTEALAEATACRQWGSKPTFAVEIGPDODLDVVEITENSQELMRNSSGPC 178
QY 182 LSGSLVSLHCLACGKSLKTPRVVGGEEASVDSNPMQVSIQYDKQHCYGSILDPHVLTA 241

Db 179 LSGSLVSIHCLACGKSLKTRPVVGGEEASVDSWPMQVSIQYDKHVCSSILDPHWWLTA 238
QY 242 AHCFRKHITDVFNKMKVRASGDKLSFPSLAIAKIIIFENPMYPRKNDIALMKLOPPLTFS 301
Db 239 AHCFRKHITDVFNKMKVRASGDKLSFPSLAIAKIIIFENPMYPRKNDIALMKLOPPLTFS 298
QY 302 GTVRPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOVIDSTRCANADAYQ 361
Db 299 GTVRPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOVIDSTRCANADAYQ 358
QY 362 GEVTERKMKAGIPREGVDTCQSDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
Db 359 GEVTERKMKAGIPREGVDTCQSDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
QY 422 AYLNMIYNWKAEL 435
Db 419 AYLNMIYNWKAEL 432

RESULT 177
US-10-063-568-112
Sequence 112, Application US/10063568
GENERAL INFORMATION:
APPLICANT: Eaton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerltisen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Matanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P323OR1C1
CURRENT FILING DATE: 2002-05-02
CURRENT APPLICATION NUMBER: US/10/063,568
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-568-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DDPDSDQPLNSLDVPRKRPRIPEMTEFRKVGIPITIALSLASIIIVVLLKVIIDKYYFL 61
Db 4 DDPDSDQPLNSLDVPRKRPRIPEMTEFRKVGIPITIALSLASIIIVVLLKVIIDKYYFL 63
QY 62 CGOPLHFI PRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAARLSKDRSTLQVLSATGNW 121
Db 64 CGOPLHFI PRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAARLSKDRSTLQVLSATGNW 123
QY 122 FSACFDNFTTEALAEATACRQMGYSKPTFAVEIGPDQDLVVEITENSQELRMNNSGPC 181
Db 124 FSACFDNFTTEALAEATACRQMGYSKPTFAVEIGPDQDLVVEITENSQELRMNNSGPC 178
QY 182 LSGSLVSIHCLACGKSLKTRPVVGGEEASVDSWPMQVSIQYDKHVCSSILDPHWWLTA 241
Db 179 LSGSLVSIHCLACGKSLKTRPVVGGEEASVDSWPMQVSIQYDKHVCSSILDPHWWLTA 238
QY 242 AHCFRKHITDVFNKMKVRASGDKLSFPSLAIAKIIIFENPMYPRKNDIALMKLOPPLTFS 301
Db 239 AHCFRKHITDVFNKMKVRASGDKLSFPSLAIAKIIIFENPMYPRKNDIALMKLOPPLTFS 298
QY 302 GTVRPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOVIDSTRCANADAYQ 361
Db 299 GTVRPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOVIDSTRCANADAYQ 358

QY 362 GEVTERKMKAGIPREGVDTCQSDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
Db 359 GEVTERKMKAGIPREGVDTCQSDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
QY 422 AYLNMIYNWKAEL 435
Db 419 AYLNMIYNWKAEL 432

RESULT 178
US-10-063-569-112
Sequence 112, Application US/10063569
GENERAL INFORMATION:
APPLICANT: Eaton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerltisen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Matanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P323OR1C1
CURRENT FILING DATE: 2002-05-02
CURRENT APPLICATION NUMBER: US/10/063,569
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-569-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DDPDSDQPLNSLDVPRKRPRIPEMTEFRKVGIPITIALSLASIIIVVLLKVIIDKYYFL 61
Db 4 DDPDSDQPLNSLDVPRKRPRIPEMTEFRKVGIPITIALSLASIIIVVLLKVIIDKYYFL 63
QY 62 CGOPLHFI PRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAARLSKDRSTLQVLSATGNW 121
Db 64 CGOPLHFI PRKQLCDGELDCPLGDEDEHCYKSPFEGPAVAARLSKDRSTLQVLSATGNW 123
QY 122 FSACFDNFTTEALAEATACRQMGYSKPTFAVEIGPDQDLVVEITENSQELRMNNSGPC 181
Db 124 FSACFDNFTTEALAEATACRQMGYSKPTFAVEIGPDQDLVVEITENSQELRMNNSGPC 178
QY 182 LSGSLVSIHCLACGKSLKTRPVVGGEEASVDSWPMQVSIQYDKHVCSSILDPHWWLTA 241
Db 179 LSGSLVSIHCLACGKSLKTRPVVGGEEASVDSWPMQVSIQYDKHVCSSILDPHWWLTA 238
QY 242 AHCFRKHITDVFNKMKVRASGDKLSFPSLAIAKIIIFENPMYPRKNDIALMKLOPPLTFS 301
Db 239 AHCFRKHITDVFNKMKVRASGDKLSFPSLAIAKIIIFENPMYPRKNDIALMKLOPPLTFS 298
QY 302 GTVRPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOVIDSTRCANADAYQ 361
Db 299 GTVRPICLPFDEBELTPATPLMIIGMFTKONGKMSDILLQASVOVIDSTRCANADAYQ 358
QY 362 GEVTERKMKAGIPREGVDTCQSDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
Db 359 GEVTERKMKAGIPREGVDTCQSDSGGPLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
QY 422 AYLNMIYNWKAEL 435
Db 419 AYLNMIYNWKAEL 432

RESULT 179

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US-10-063-570-112
; Sequence 112, Application US/10063570
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,570
; PRIOR APPLICATION: 2002-05-02
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-570-112

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Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7,4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

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QY 2 DPDSQPLNSLDVPLKPKRIPMETFRKVGIPITIALSLASITIVVLIKVIIDKXYFL 61
DB 4 DPDSQPLNSLDVPLKPKRIPMETFRKVGIPITIALSLASITIVVLIKVIIDKXYFL 63
QY 62 CGQPLHFIIRKQICDGLDCCPLGDEDEHCVKSPFPGPAVAVALSKDRSTLQVLDSATGNW 121
DB 64 CGQPLHFIIRKQICDGLDCCPLGDEDEHCVKSPFPGPAVAVALSKDRSTLQVLDSATGNW 123
QY 122 FSACPNFTLEALFAETACROMGYSKPTFRVAIVEIGDQDLVDVEITENSQELRMNNSGPGC 181
DB 124 FSACPNFTLEALFAETACROMGYSKPTFRVAIVEIGDQDLVDVEITENSQELRMNNSGPGC 178
QY 182 LSGSLVSLHCLACGSLKTPRVVGESEASVDSWPQVSIQYDKQHCVCSSILDPHWLTA 241
DB 179 LSGSLVSLHCLACGSLKTPRVVGESEASVDSWPQVSIQYDKQHCVCSSILDPHWLTA 238
QY 242 AHCFRKHDTVNMKVRASDGLGSPSLAVAKIITIEFNPMYPRXNDIALMKQFPLTFS 301
DB 239 AHCFRKHDTVNMKVRASDGLGSPSLAVAKIITIEFNPMYPRXNDIALMKQFPLTFS 298
QY 302 GTVAPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADAYQ 361
DB 299 GTVAPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADAYQ 358
QY 362 GEVTERKMCAGIPREGVDTCQDSGGPLMYOSDQMHVGVISWGYGCGGSPSTPGVYTKVS 421
DB 359 GEVTERKMCAGIPREGVDTCQDSGGPLMYOSDQMHVGVISWGYGCGGSPSTPGVYTKVS 418
QY 422 AYLMWIVVMKRAEL 435
DB 419 AYLMWIVVMKRAEL 432

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RESULT 180
US-10-063-577-112
; Sequence 112, Application US/10063577
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.

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; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,577
; PRIOR APPLICATION: 2002-05-03
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-577-112

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Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7,4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

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QY 2 DPDSQPLNSLDVPLKPKRIPMETFRKVGIPITIALSLASITIVVLIKVIIDKXYFL 61
DB 4 DPDSQPLNSLDVPLKPKRIPMETFRKVGIPITIALSLASITIVVLIKVIIDKXYFL 63
QY 62 CGQPLHFIIRKQICDGLDCCPLGDEDEHCVKSPFPGPAVAVALSKDRSTLQVLDSATGNW 121
DB 64 CGQPLHFIIRKQICDGLDCCPLGDEDEHCVKSPFPGPAVAVALSKDRSTLQVLDSATGNW 123
QY 122 FSACPNFTLEALFAETACROMGYSKPTFRVAIVEIGDQDLVDVEITENSQELRMNNSGPGC 181
DB 124 FSACPNFTLEALFAETACROMGYSKPTFRVAIVEIGDQDLVDVEITENSQELRMNNSGPGC 178
QY 182 LSGSLVSLHCLACGSLKTPRVVGESEASVDSWPQVSIQYDKQHCVCSSILDPHWLTA 241
DB 179 LSGSLVSLHCLACGSLKTPRVVGESEASVDSWPQVSIQYDKQHCVCSSILDPHWLTA 238
QY 242 AHCFRKHDTVNMKVRASDGLGSPSLAVAKIITIEFNPMYPRXNDIALMKQFPLTFS 301
DB 239 AHCFRKHDTVNMKVRASDGLGSPSLAVAKIITIEFNPMYPRXNDIALMKQFPLTFS 298
QY 302 GTVAPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADAYQ 361
DB 299 GTVAPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVOYIDSTRCNADAYQ 358
QY 362 GEVTERKMCAGIPREGVDTCQDSGGPLMYOSDQMHVGVISWGYGCGGSPSTPGVYTKVS 421
DB 359 GEVTERKMCAGIPREGVDTCQDSGGPLMYOSDQMHVGVISWGYGCGGSPSTPGVYTKVS 418
QY 422 AYLMWIVVMKRAEL 435
DB 419 AYLMWIVVMKRAEL 432

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RESULT 181
US-10-063-578-112
; Sequence 112, Application US/10063578
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,578
; PRIOR APPLICATION: 2002-05-03
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112

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; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,578
; PRIOR APPLICATION: 2002-05-03
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112

```


LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-578-142

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPLKRPIMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKYFL 61
DB 4 DPDSQPLNSLDVPLKRPIMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKYFL 63
QY 62 CGQPLHFI PRKOLCDGLDPLGDEEHCVKSPFEGPAVAVRLSKDSTLQVLDATGNW 121
DB 64 CGQPLHFI PRKOLCDGLDPLGDEEHCVKSPFEGPAVAVRLSKDSTLQVLDATGNW 123
QY 122 FSACFDNFTALMTACRQMGYSKPTFRVAVETGPDDLDVETLITENSQELRMNNSGPC 181
DB 124 FSACFDNFTALMTACRQMGYSKPTFRVAVETGPDDLDVETLITENSQELRMNNSGPC 178
QY 182 LSGSLVSLHCLACGSKLTPRVVGGEBASVDSWPMQVSIQYDKHVCSSILDPHWLTA 241
DB 179 LSGSLVSLHCLACGSKLTPRVVGGEBASVDSWPMQVSIQYDKHVCSSILDPHWLTA 238
QY 242 AHCFRKHTEVNMKVRASDGLSGFSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 301
DB 239 AHCFRKHTEVNMKVRASDGLSGFSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 298
QY 302 GTVAPICLPFDEELTPATPLMIIGMGFTKONGKMSDILLQASVOVYIDSTRCNADAYQ 361
DB 299 GTVAPICLPFDEELTPATPLMIIGMGFTKONGKMSDILLQASVOVYIDSTRCNADAYQ 358
QY 362 GEYTERKMCAGIPRGGVDTCCGDSGGLPMYQSDQHVGVISMGXGCGSPSTPGVYTKVS 421
DB 359 GEYTERKMCAGIPRGGVDTCCGDSGGLPMYQSDQHVGVISMGXGCGSPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEL 435
DB 419 AYLNMIYVWKAEL 432

RESULT 182
US-10-063-579-112
Sequence 112, Application US/10063579
GENERAL INFORMATION:
APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey J.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Macanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT FILING DATE: 2002-05-03
PRIORITY FILING DATE: 2002-05-03
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-579-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPLKRPIMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKYFL 61

DB 4 DPDSQPLNSLDVPLKRPIMETFRKVGIPITIIALLSLASIIIVVLLIKVILDKYFL 63
QY 62 CGQPLHFI PRKOLCDGLDPLGDEEHCVKSPFEGPAVAVRLSKDSTLQVLDATGNW 121
DB 64 CGQPLHFI PRKOLCDGLDPLGDEEHCVKSPFEGPAVAVRLSKDSTLQVLDATGNW 123
QY 122 FSACFDNFTALMTACRQMGYSKPTFRVAVETGPDDLDVETLITENSQELRMNNSGPC 181
DB 124 FSACFDNFTALMTACRQMGYSKPTFRVAVETGPDDLDVETLITENSQELRMNNSGPC 178
QY 182 LSGSLVSLHCLACGSKLTPRVVGGEBASVDSWPMQVSIQYDKHVCSSILDPHWLTA 241
DB 179 LSGSLVSLHCLACGSKLTPRVVGGEBASVDSWPMQVSIQYDKHVCSSILDPHWLTA 238
QY 242 AHCFRKHTEVNMKVRASDGLSGFSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 301
DB 239 AHCFRKHTEVNMKVRASDGLSGFSLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 298
QY 302 GTVAPICLPFDEELTPATPLMIIGMGFTKONGKMSDILLQASVOVYIDSTRCNADAYQ 361
DB 299 GTVAPICLPFDEELTPATPLMIIGMGFTKONGKMSDILLQASVOVYIDSTRCNADAYQ 358
QY 362 GEYTERKMCAGIPRGGVDTCCGDSGGLPMYQSDQHVGVISMGXGCGSPSTPGVYTKVS 421
DB 359 GEYTERKMCAGIPRGGVDTCCGDSGGLPMYQSDQHVGVISMGXGCGSPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEL 435
DB 419 AYLNMIYVWKAEL 432

RESULT 183
US-10-063-580-112
Sequence 112, Application US/10063580
GENERAL INFORMATION:
APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey J.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Macanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT FILING DATE: 2002-05-03
PRIORITY FILING DATE: 2002-05-03
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112

LENGTH: 432
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-063-580-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSDFPLNSLDVPLKPRIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKYFL 61
 DB 4 DPDSDFPLNSLDVPLKPRIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKYFL 63
 QY 62 CGPLHPIPRKQCDGELDCPLGDEBEHCYKSPPEBPAAVAVRLSKDRSTLYVLDATGWM 121
 DB 64 CGPLHPIPRKQCDGELDCPLGDEBEHCYKSPPEBPAAVAVRLSKDRSTLYVLDATGWM 123
 QY 122 FSACFDFNTALAEATACRQMGYSKPTFRAVEIGPDODLDVVEITENSGELMRNNSGPG 181
 DB 124 FSACFDFNTALAEATACRQMGYSKPTFRAVEIGPDODLDVVEITENSGELMRNNSGPG 178
 QY 182 LSGSLVSLHCLACGSKSLKTPRVVGEASVDSWPMQVSIQYDKQHCYGSIIIDPHVULTA 241
 DB 179 LSGSLVSLHCLACGSKSLKTPRVVGEASVDSWPMQVSIQYDKQHCYGSIIIDPHVULTA 238
 QY 242 AHCFRKHIDVFNKVRASGDKLGSFSLAVAKIIIEFNPMYPKNDIALMLOPPLTFS 301
 DB 239 AHCFRKHIDVFNKVRASGDKLGSFSLAVAKIIIEFNPMYPKNDIALMLOPPLTFS 298
 QY 302 GTVRPCLPFEDELTPTATPLMIIGMFTKONGKMSDILLQASVQVLDSTRCNADAYQ 361
 DB 299 GTVRPCLPFEDELTPTATPLMIIGMFTKONGKMSDILLQASVQVLDSTRCNADAYQ 358
 QY 362 GEVTERKMCAGIPREGVDTCCGDSGGLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
 DB 359 GEVTERKMCAGIPREGVDTCCGDSGGLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
 QY 422 AYLMWLYNWKAEI 435
 DB 419 AYLMWLYNWKAEI 432

RESULT 184
 US-10-063-581-112
 Sequence 112, Application US/10063581
 GENERAL INFORMATION:

APPLICANT: Eaton, Dan L.
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Watanabe, Colin K.
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P3230R1C1
 CURRENT APPLICATION NUMBER: US/10/063,581
 PRIOR FILING DATE: 2002-05-03
 NUMBER OF SEQ ID NOS: 170
 SEQ ID NO 112
 LENGTH: 432
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-063-581-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;
 QY 2 DPDSDFPLNSLDVPLKPRIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKYFL 61

DB 4 DPDSDFPLNSLDVPLKPRIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKYFL 63
 QY 62 CGPLHPIPRKQCDGELDCPLGDEBEHCYKSPPEBPAAVAVRLSKDRSTLYVLDATGWM 121
 DB 64 CGPLHPIPRKQCDGELDCPLGDEBEHCYKSPPEBPAAVAVRLSKDRSTLYVLDATGWM 123
 QY 122 FSACFDFNTALAEATACRQMGYSKPTFRAVEIGPDODLDVVEITENSGELMRNNSGPG 181
 DB 124 FSACFDFNTALAEATACRQMGYSKPTFRAVEIGPDODLDVVEITENSGELMRNNSGPG 178
 QY 182 LSGSLVSLHCLACGSKSLKTPRVVGEASVDSWPMQVSIQYDKQHCYGSIIIDPHVULTA 241
 DB 179 LSGSLVSLHCLACGSKSLKTPRVVGEASVDSWPMQVSIQYDKQHCYGSIIIDPHVULTA 238
 QY 242 AHCFRKHIDVFNKVRASGDKLGSFSLAVAKIIIEFNPMYPKNDIALMLOPPLTFS 301
 DB 239 AHCFRKHIDVFNKVRASGDKLGSFSLAVAKIIIEFNPMYPKNDIALMLOPPLTFS 298
 QY 302 GTVRPCLPFEDELTPTATPLMIIGMFTKONGKMSDILLQASVQVLDSTRCNADAYQ 361
 DB 299 GTVRPCLPFEDELTPTATPLMIIGMFTKONGKMSDILLQASVQVLDSTRCNADAYQ 358
 QY 362 GEVTERKMCAGIPREGVDTCCGDSGGLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
 DB 359 GEVTERKMCAGIPREGVDTCCGDSGGLMYQSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
 QY 422 AYLMWLYNWKAEI 435
 DB 419 AYLMWLYNWKAEI 432

RESULT 185
 US-10-063-582-112
 Sequence 112, Application US/10063582
 GENERAL INFORMATION:

APPLICANT: Eaton, Dan L.
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Watanabe, Colin K.
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P3230R1C1
 CURRENT APPLICATION NUMBER: US/10/063,582
 PRIOR FILING DATE: 2002-05-03
 NUMBER OF SEQ ID NOS: 170
 SEQ ID NO 112
 LENGTH: 432
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-063-582-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
 Best Local Similarity 98.8%; Pred. No. 7.4e-216;
 Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSDFPLNSLDVPLKPRIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKYFL 61
 DB 4 DPDSDFPLNSLDVPLKPRIPMETFRKVGIPITIALSLASIIIVVLIKVIIDKYFL 63
 QY 62 CGPLHPIPRKQCDGELDCPLGDEBEHCYKSPPEBPAAVAVRLSKDRSTLYVLDATGWM 121
 DB 64 CGPLHPIPRKQCDGELDCPLGDEBEHCYKSPPEBPAAVAVRLSKDRSTLYVLDATGWM 123
 QY 122 FSACFDFNTALAEATACRQMGYSKPTFRAVEIGPDODLDVVEITENSGELMRNNSGPG 181
 DB 124 FSACFDFNTALAEATACRQMGYSKPTFRAVEIGPDODLDVVEITENSGELMRNNSGPG 178

QY 182 LSGSLVSLHCLACGSLKTPRVVGGEBASVDSMPQVSIQYDKOHVCGSILDPHMLTA 241
DB 179 LSGSLVSLHCLACGSLKTPRVVGGEBASVDSMPQVSIQYDKOHVCGSILDPHMLTA 238
QY 242 AHCFKHTDVFNWVKRAGSDKLSFSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
DB 239 AHCFKHTDVFNWVKRAGSDKLSFSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
QY 302 GTVAPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 361
DB 299 GTVAPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 358
QY 362 GEYTERKMMACGIPBEGVDTCQDSSGGLMYOSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
DB 359 GEYTERKMMACGIPBEGVDTCQDSSGGLMYOSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEL 435
DB 419 AYLNMIYVWKAEL 432

RESULT 186

US-10-063-583-112
Sequence 112, Application US/10063583
GENERAL INFORMATION:
APPLICANT: Batton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,583
CURRENT FILING DATE: 2002-05-03
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-583-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;
QY 2 DPDSQPLNSLDVXKLRKPRIPMETFRKVGIPIIIALISLASIIIVVLIKYILDKYYFL 61
DB 4 DPDSQPLNSLDVXKLRKPRIPMETFRKVGIPIIIALISLASIIIVVLIKYILDKYYFL 63
QY 62 CGOPLHFIIPKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLDATGNW 121
DB 64 CGOPLHFIIPKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLDATGNW 123
QY 122 PSACDNTTEALAEFRACROMGYSSKPTFAVEIGPDOLDVVEITENSQELRMRSSGPC 181
DB 124 PSACDNTTEALAEFRACROMGYSSKPTFAVEIGPDOLDVVEITENSQELRMRSSGPC 178
QY 182 LSGSLVSLHCLACGSLKTPRVVGGEBASVDSMPQVSIQYDKOHVCGSILDPHMLTA 241
DB 179 LSGSLVSLHCLACGSLKTPRVVGGEBASVDSMPQVSIQYDKOHVCGSILDPHMLTA 238
QY 242 AHCFKHTDVFNWVKRAGSDKLSFSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
DB 239 AHCFKHTDVFNWVKRAGSDKLSFSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
QY 302 GTVAPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 361

DB 299 GTVAPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 358
QY 362 GEYTERKMMACGIPBEGVDTCQDSSGGLMYOSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
DB 359 GEYTERKMMACGIPBEGVDTCQDSSGGLMYOSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEL 435
DB 419 AYLNMIYVWKAEL 432

RESULT 187

US-10-063-584-112
Sequence 112, Application US/10063584
GENERAL INFORMATION:
APPLICANT: Batton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,584
CURRENT FILING DATE: 2002-05-03
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-584-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;
QY 2 DPDSQPLNSLDVXKLRKPRIPMETFRKVGIPIIIALISLASIIIVVLIKYILDKYYFL 61
DB 4 DPDSQPLNSLDVXKLRKPRIPMETFRKVGIPIIIALISLASIIIVVLIKYILDKYYFL 63
QY 62 CGOPLHFIIPKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLDATGNW 121
DB 64 CGOPLHFIIPKQLCDGELDCPLGDEDEHCYKSPFEGPAVAVRLSKDRSTLQVLDATGNW 123
QY 122 PSACDNTTEALAEFRACROMGYSSKPTFAVEIGPDOLDVVEITENSQELRMRSSGPC 181
DB 124 PSACDNTTEALAEFRACROMGYSSKPTFAVEIGPDOLDVVEITENSQELRMRSSGPC 178
QY 182 LSGSLVSLHCLACGSLKTPRVVGGEBASVDSMPQVSIQYDKOHVCGSILDPHMLTA 241
DB 179 LSGSLVSLHCLACGSLKTPRVVGGEBASVDSMPQVSIQYDKOHVCGSILDPHMLTA 238
QY 242 AHCFKHTDVFNWVKRAGSDKLSFSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 301
DB 239 AHCFKHTDVFNWVKRAGSDKLSFSPSLAVAKIIIEFNPMYPKNDIALMKLOPPLTFS 298
QY 302 GTVAPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 361
DB 299 GTVAPICLPFDEBELTPATPLMIIGMGFTKONGKMSDILLQASVQVIDSTRCNADDAVQ 358
QY 362 GEYTERKMMACGIPBEGVDTCQDSSGGLMYOSDQMHVGVISWGYCGGSPSTPGVYTKVS 421
DB 359 GEYTERKMMACGIPBEGVDTCQDSSGGLMYOSDQMHVGVISWGYCGGSPSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEL 435
DB 419 AYLNMIYVWKAEL 432

RESULT 188
US-10-063-585-112
; Sequence 112, Application US/10063585
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT FILING DATE: 2002-05-03
; CURRENT APPLICATION NUMBER: US/10/063,585
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-585-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DSDSDQPLNSLDVKKPLRKRIPMETFRKVGIPITIALSLASITIVVVLKIVLIDKXYFL 61
DB 4 DSDSDQPLNSLDVKKPLRKRIPMETFRKVGIPITIALSLASITIVVVLKIVLIDKXYFL 63
QY 62 CGQPLHFIIRKQDCGELDCPLGDEDEHCVSFPFGPAVAVALSKDSTLQVLDSATGNW 121
DB 64 CGQPLHFIIRKQDCGELDCPLGDEDEHCVSFPFGPAVAVALSKDSTLQVLDSATGNW 123
QY 122 FSACDNTFTEALAEACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMENSSGPC 181
DB 124 FSACDNTFTEALAEACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMENSSGPC 178
QY 182 LSGSLVSLHCLACGSKLTPRVGGEASVDSWPMOVSIOYDKQHVCGGSLIDPHWVLA 241
DB 179 LSGSLVSLHCLACGSKLTPRVGGEASVDSWPMOVSIOYDKQHVCGGSLIDPHWVLA 238
QY 242 AHCFRKHDTVNMKVRASDGLSGFSPSLAVAKIIIEFNPMYPRNDIALMKLQFPLTFS 301
DB 239 AHCFRKHDTVNMKVRASDGLSGFSPSLAVAKIIIEFNPMYPRNDIALMKLQFPLTFS 298
QY 302 GTVAPICLPFDEBELTPATPLMIIGWFTKONGSKMSDILLQASVOYIDSTRCNADAYQ 361
DB 299 GTVAPICLPFDEBELTPATPLMIIGWFTKONGSKMSDILLQASVOYIDSTRCNADAYQ 358
QY 362 GEVTEKMMACGIPBGGVDTCCGDSGCPPLMYOSDMHVGIVSWGCGGSPSTPGVYTKVS 421
DB 359 GEVTEKMMACGIPBGGVDTCCGDSGCPPLMYOSDMHVGIVSWGCGGSPSTPGVYTKVS 418
QY 422 AYLMWYVWKAEL 435
DB 419 AYLMWYVWKAEL 432

RESULT 189
US-10-063-586-112
; Sequence 112, Application US/10063586
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,586
; CURRENT FILING DATE: 2002-05-03
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-586-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DSDSDQPLNSLDVKKPLRKRIPMETFRKVGIPITIALSLASITIVVVLKIVLIDKXYFL 61
DB 4 DSDSDQPLNSLDVKKPLRKRIPMETFRKVGIPITIALSLASITIVVVLKIVLIDKXYFL 63
QY 62 CGQPLHFIIRKQDCGELDCPLGDEDEHCVSFPFGPAVAVALSKDSTLQVLDSATGNW 121
DB 64 CGQPLHFIIRKQDCGELDCPLGDEDEHCVSFPFGPAVAVALSKDSTLQVLDSATGNW 123
QY 122 FSACDNTFTEALAEACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMENSSGPC 181
DB 124 FSACDNTFTEALAEACRQMGYSKPTFRAYEIGPDOLDVVEITENSQELRMENSSGPC 178
QY 182 LSGSLVSLHCLACGSKLTPRVGGEASVDSWPMOVSIOYDKQHVCGGSLIDPHWVLA 241
DB 179 LSGSLVSLHCLACGSKLTPRVGGEASVDSWPMOVSIOYDKQHVCGGSLIDPHWVLA 238
QY 242 AHCFRKHDTVNMKVRASDGLSGFSPSLAVAKIIIEFNPMYPRNDIALMKLQFPLTFS 301
DB 239 AHCFRKHDTVNMKVRASDGLSGFSPSLAVAKIIIEFNPMYPRNDIALMKLQFPLTFS 298
QY 302 GTVAPICLPFDEBELTPATPLMIIGWFTKONGSKMSDILLQASVOYIDSTRCNADAYQ 361
DB 299 GTVAPICLPFDEBELTPATPLMIIGWFTKONGSKMSDILLQASVOYIDSTRCNADAYQ 358
QY 362 GEVTEKMMACGIPBGGVDTCCGDSGCPPLMYOSDMHVGIVSWGCGGSPSTPGVYTKVS 421
DB 359 GEVTEKMMACGIPBGGVDTCCGDSGCPPLMYOSDMHVGIVSWGCGGSPSTPGVYTKVS 418
QY 422 AYLMWYVWKAEL 435
DB 419 AYLMWYVWKAEL 432

RESULT 190
US-10-063-587-112
; Sequence 112, Application US/10063587
; GENERAL INFORMATION:
; APPLICANT: Baton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Matanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3230R1C1
; CURRENT FILING DATE: 2002-05-03

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-587-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 61
DB 4 DPDSQPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 63
QY 62 CGQPLHPIPRKQCDGLDCLPGLGDEDEHCYKSPFEGPAVAVRLSKRSTLQVLDATGNW 121
DB 64 CGQPLHPIPRKQCDGLDCLPGLGDEDEHCYKSPFEGPAVAVRLSKRSTLQVLDATGNW 123
QY 122 FSACFDNFTALAEACRQWYSKPTFRVIGPDODLVEITENSQELRMNSGSPC 181
DB 124 FSACFDNFTALAEACRQWYSKPTFRVIGPDODLVEITENSQELRMNSGSPC 178
QY 182 LSGSLVSLHCLACGSKLTPRVVGGEBASVDSWPMQVSIQDKQHVCGSILDPHWLTA 241
DB 179 LSGSLVSLHCLACGSKLTPRVVGGEBASVDSWPMQVSIQDKQHVCGSILDPHWLTA 238
QY 242 AHCFRKTIDVFNKVRASDGLSPSLAVAKIIIEFNMPYPRNDIALMKLOPPLTFS 301
DB 239 AHCFRKTIDVFNKVRASDGLSPSLAVAKIIIEFNMPYPRNDIALMKLOPPLTFS 298
QY 302 GYVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQYIDSTRCANADAYQ 361
DB 299 GYVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQYIDSTRCANADAYQ 358
QY 362 GEYTERKMCAGIPFGVDTCQDSDGGLMYOSDOMHVGVISWGGSGSTPGVYTKVS 421
DB 359 GEYTERKMCAGIPFGVDTCQDSDGGLMYOSDOMHVGVISWGGSGSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEI 435
DB 419 AYLNMIYVWKAEI 432

RESULT 191

US-10-063-588-112
Sequence 112, Application US/10063588

GENERAL INFORMATION:
APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT FILING DATE: 2002-05-03
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-588-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;

Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 61
DB 4 DPDSQPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 63
QY 62 CGQPLHPIPRKQCDGLDCLPGLGDEDEHCYKSPFEGPAVAVRLSKRSTLQVLDATGNW 121
DB 64 CGQPLHPIPRKQCDGLDCLPGLGDEDEHCYKSPFEGPAVAVRLSKRSTLQVLDATGNW 123
QY 122 FSACFDNFTALAEACRQWYSKPTFRVIGPDODLVEITENSQELRMNSGSPC 181
DB 124 FSACFDNFTALAEACRQWYSKPTFRVIGPDODLVEITENSQELRMNSGSPC 178
QY 182 LSGSLVSLHCLACGSKLTPRVVGGEBASVDSWPMQVSIQDKQHVCGSILDPHWLTA 241
DB 179 LSGSLVSLHCLACGSKLTPRVVGGEBASVDSWPMQVSIQDKQHVCGSILDPHWLTA 238
QY 242 AHCFRKTIDVFNKVRASDGLSPSLAVAKIIIEFNMPYPRNDIALMKLOPPLTFS 301
DB 239 AHCFRKTIDVFNKVRASDGLSPSLAVAKIIIEFNMPYPRNDIALMKLOPPLTFS 298
QY 302 GYVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQYIDSTRCANADAYQ 361
DB 299 GYVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQYIDSTRCANADAYQ 358
QY 362 GEYTERKMCAGIPFGVDTCQDSDGGLMYOSDOMHVGVISWGGSGSTPGVYTKVS 421
DB 359 GEYTERKMCAGIPFGVDTCQDSDGGLMYOSDOMHVGVISWGGSGSTPGVYTKVS 418
QY 422 AYLNMIYVWKAEI 435
DB 419 AYLNMIYVWKAEI 432

RESULT 192

US-10-063-589-112
Sequence 112, Application US/10063589

GENERAL INFORMATION:
APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT FILING DATE: 2002-05-03
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-589-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 61
DB 4 DPDSQPLNSLDVPRKPRIPMETFRKVGIPITIALSLASIIIVVLLIKVILDKYYFL 63
QY 62 CGQPLHPIPRKQCDGLDCLPGLGDEDEHCYKSPFEGPAVAVRLSKRSTLQVLDATGNW 121
DB 64 CGQPLHPIPRKQCDGLDCLPGLGDEDEHCYKSPFEGPAVAVRLSKRSTLQVLDATGNW 123

QY 422 AYLNWYVWKAEI 435
Db 419 AYLNWYVWKAEI 432

RESULT 195
US-10-063-593-112

Sequence 112, Application US/10063593
GENERAL INFORMATION:
APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Matanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACTIDS ENCODING THE SAME
FILE REFERENCE: P323ORIC1
CURRENT APPLICATION NUMBER: US/10/063,593
CURRENT FILING DATE: 2002-05-03
Prior Application removed - See file wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-593-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;

Best Local Similarity 98.8%; Pred. No. 7.4e-216; Indels 5; Gaps 1;

Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPLKRPRIIPMETFRKVGIPITIALSLASIIIVVLLIKYILDKYYFL 61
Db 4 DPDSQPLNSLDVPLKRPRIIPMETFRKVGIPITIALSLASIIIVVLLIKYILDKYYFL 63
QY 62 CGQPLHFIPIRKQICDGLDCEPLGDEBHCYKSPFEGPAVAVRLSKRSTLOVLSATGNW 121
Db 64 CGQPLHFIPIRKQICDGLDCEPLGDEBHCYKSPFEGPAVAVRLSKRSTLOVLSATGNW 123
QY 122 PSACFDNFTLALTAACRQWYSSKPTFRAYEIGPDOLDVVEITENSQELRMNNSGSPC 181
Db 124 PSACFDNFTLALTAACRQWYSSKPTFRAYEIGPDOLDVVEITENSQELRMNNSGSPC 178
QY 182 LSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPMQVSIQYDKQHVCGGSLIDPHWVLT 241
Db 179 LSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPMQVSIQYDKQHVCGGSLIDPHWVLT 238
QY 242 AHCRKHTDVNMKVRAGSDKLSFPLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 301
Db 239 AHCRKHTDVNMKVRAGSDKLSFPLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 298
QY 302 GTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVLDSTRCNADDAVQ 361
Db 299 GTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVLDSTRCNADDAVQ 358
QY 362 GEVTEKMMKACGIPREGGVDTCCGDSGGLMYOSDQMHVVGIVSMGCGGSPSTPGVYTRYVS 421
Db 359 GEVTEKMMKACGIPREGGVDTCCGDSGGLMYOSDQMHVVGIVSMGCGGSPSTPGVYTRYVS 418
QY 422 AYLNWYVWKAEI 435
Db 419 AYLNWYVWKAEI 432

RESULT 196
US-10-063-594-112
Sequence 112, Application US/10063594
GENERAL INFORMATION:
APPLICANT: Baton, Dan L.

APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Matanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACTIDS ENCODING THE SAME
FILE REFERENCE: P323ORIC1
CURRENT APPLICATION NUMBER: US/10/063,594
CURRENT FILING DATE: 2002-05-30
Prior Application removed - See file wrapper or Palm
NUMBER OF SEQ ID NOS: 179
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-594-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;

Best Local Similarity 98.8%; Pred. No. 7.4e-216; Indels 5; Gaps 1;

Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPLKRPRIIPMETFRKVGIPITIALSLASIIIVVLLIKYILDKYYFL 61
Db 4 DPDSQPLNSLDVPLKRPRIIPMETFRKVGIPITIALSLASIIIVVLLIKYILDKYYFL 63
QY 62 CGQPLHFIPIRKQICDGLDCEPLGDEBHCYKSPFEGPAVAVRLSKRSTLOVLSATGNW 121
Db 64 CGQPLHFIPIRKQICDGLDCEPLGDEBHCYKSPFEGPAVAVRLSKRSTLOVLSATGNW 123
QY 122 PSACFDNFTLALTAACRQWYSSKPTFRAYEIGPDOLDVVEITENSQELRMNNSGSPC 181
Db 124 PSACFDNFTLALTAACRQWYSSKPTFRAYEIGPDOLDVVEITENSQELRMNNSGSPC 178
QY 182 LSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPMQVSIQYDKQHVCGGSLIDPHWVLT 241
Db 179 LSGSLVSLHCLACGSKLTPRVVGGEEASVDSWPMQVSIQYDKQHVCGGSLIDPHWVLT 238
QY 242 AHCRKHTDVNMKVRAGSDKLSFPLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 301
Db 239 AHCRKHTDVNMKVRAGSDKLSFPLAVAKIIIEFNPMYPRKNDIALMKLOPPLTFS 298
QY 302 GTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVLDSTRCNADDAVQ 361
Db 299 GTVRPICLPFDEBELTPATPLMIIGWFTKONGKMSDILLQASVQVLDSTRCNADDAVQ 358
QY 362 GEVTEKMMKACGIPREGGVDTCCGDSGGLMYOSDQMHVVGIVSMGCGGSPSTPGVYTRYVS 421
Db 359 GEVTEKMMKACGIPREGGVDTCCGDSGGLMYOSDQMHVVGIVSMGCGGSPSTPGVYTRYVS 418
QY 422 AYLNWYVWKAEI 435
Db 419 AYLNWYVWKAEI 432

RESULT 197
US-10-063-595-112
Sequence 112, Application US/10063595
GENERAL INFORMATION:
APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Matanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACTIDS ENCODING THE SAME

FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,595
CURRENT FILING DATE: 2002-05-03
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-595-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPLKRPRIEMETFRKVGIPITIALSLASIIIVVLIKVLDKTYFL 61
DB 4 DPDSQPLNSLDVPLKRPRIEMETFRKVGIPITIALSLASIIIVVLIKVLDKTYFL 63
QY 62 CGPLHPIPRKQCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKRSTLQVLDSATGNW 121
DB 64 CGPLHPIPRKQCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKRSTLQVLDSATGNW 123
QY 122 FSACFDNFTALAEATACRQMGYSKPTFPAVEIGPDQDLDVEITENSQELMRNSSGPC 181
DB 124 FSACFDNFTALAEATACRQMGYS-----RAVEIGPDQDLDVEITENSQELMRNSSGPC 178
QY 182 LSGSLVSLHCLACGSKSLKTPRVVVGGEASVDSMPQVSIQYDKQHVCGSIIIDPHMVLTA 241
DB 179 LSGSLVSLHCLACGSKSLKTPRVVVGGEASVDSMPQVSIQYDKQHVCGSIIIDPHMVLTA 238
QY 242 AHCFRKHDTVFNMKVRAGSKLGFPSLAIVAKIIIEFNPMYPKNDIALMKLOPLTFS 301
DB 239 AHCFRKHDTVFNMKVRAGSKLGFPSLAIVAKIIIEFNPMYPKNDIALMKLOPLTFS 298
QY 302 GTVRPCLPFDEBELTPATPLMIIWGFTKONGKMSDILLQASVOVLDSTRCANADAYQ 361
DB 299 GTVRPCLPFDEBELTPATPLMIIWGFTKONGKMSDILLQASVOVLDSTRCANADAYQ 358
QY 362 GEVTERKMCAGIPREGGVDTCQDSGGLMYOSDOMHVGVISWGYGCGGSTPGVYTKVS 421
DB 359 GEVTERKMCAGIPREGGVDTCQDSGGLMYOSDOMHVGVISWGYGCGGSTPGVYTKVS 418
QY 422 AYLNMTIYVWKAEL 435
DB 419 AYLNMTIYVWKAEL 432

RESULT 198
US-10-063-596-112

Sequence 112, Application US/10063596
GENERAL INFORMATION:

APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,596
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-596-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPLKRPRIEMETFRKVGIPITIALSLASIIIVVLIKVLDKTYFL 61
DB 4 DPDSQPLNSLDVPLKRPRIEMETFRKVGIPITIALSLASIIIVVLIKVLDKTYFL 63
QY 62 CGPLHPIPRKQCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKRSTLQVLDSATGNW 121
DB 64 CGPLHPIPRKQCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKRSTLQVLDSATGNW 123
QY 122 FSACFDNFTALAEATACRQMGYSKPTFPAVEIGPDQDLDVEITENSQELMRNSSGPC 181
DB 124 FSACFDNFTALAEATACRQMGYS-----RAVEIGPDQDLDVEITENSQELMRNSSGPC 178
QY 182 LSGSLVSLHCLACGSKSLKTPRVVVGGEASVDSMPQVSIQYDKQHVCGSIIIDPHMVLTA 241
DB 179 LSGSLVSLHCLACGSKSLKTPRVVVGGEASVDSMPQVSIQYDKQHVCGSIIIDPHMVLTA 238
QY 242 AHCFRKHDTVFNMKVRAGSKLGFPSLAIVAKIIIEFNPMYPKNDIALMKLOPLTFS 301
DB 239 AHCFRKHDTVFNMKVRAGSKLGFPSLAIVAKIIIEFNPMYPKNDIALMKLOPLTFS 298
QY 302 GTVRPCLPFDEBELTPATPLMIIWGFTKONGKMSDILLQASVOVLDSTRCANADAYQ 361
DB 299 GTVRPCLPFDEBELTPATPLMIIWGFTKONGKMSDILLQASVOVLDSTRCANADAYQ 358
QY 362 GEVTERKMCAGIPREGGVDTCQDSGGLMYOSDOMHVGVISWGYGCGGSTPGVYTKVS 421
DB 359 GEVTERKMCAGIPREGGVDTCQDSGGLMYOSDOMHVGVISWGYGCGGSTPGVYTKVS 418
QY 422 AYLNMTIYVWKAEL 435
DB 419 AYLNMTIYVWKAEL 432

RESULT 199
US-10-063-597-112

Sequence 112, Application US/10063597
GENERAL INFORMATION:

APPLICANT: Baton, Dan L.
APPLICANT: Filvaroff, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3230R1C1
CURRENT APPLICATION NUMBER: US/10/063,597
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 112
LENGTH: 432
TYPE: PRT
ORGANISM: Homo Sapien
US-10-063-597-112

Query Match 98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216;
Matches 429; Conservative 0; Mismatches 0; Indels 5; Gaps 1;

QY 2 DPDSQPLNSLDVPLKRPRIEMETFRKVGIPITIALSLASIIIVVLIKVLDKTYFL 61
DB 4 DPDSQPLNSLDVPLKRPRIEMETFRKVGIPITIALSLASIIIVVLIKVLDKTYFL 63
QY 62 CGPLHPIPRKQCDGELDCPLGDEDEHCVKSPFEGPAVAVRLSKRSTLQVLDSATGNW 121

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Db      64 CGGPIHPIPRKQJCDGELDCPLGDEDEHCVKSPFEGBAVAVRLSKORSTIQVDSATGNW 123
Qy      122 F$ACFDNFTALAEACRQWYSSKPTFAVEICPDODLDVETITENSQELRMNNSGPC 181
Db      124 FSACFDNFTALAEACRQWYSSKPTFAVEICPDODLDVETITENSQELRMNNSGPC 178
Qy      182 LSGSLVSLHCLACGSKSLTPRVVGGEBASVDSWPMQVSIQYDKQHVCGGSLDPMWVLT 241
Db      179 LSGSLVSLHCLACGSKSLTPRVVGGEBASVDSWPMQVSIQYDKQHVCGGSLDPMWVLT 238
Qy      242 AHCEKRTDVFNMKVRAGSDKLSFSLAVAKIIIEFNMPYPRONDIALMKLOPPLTFS 301
Db      239 AHCEKRTDVFNMKVRAGSDKLSFSLAVAKIIIEFNMPYPRONDIALMKLOPPLTFS 298
Qy      302 GTVRPCLPFDEELTPATPLMIIGMGFTKONGKMSDILLQASVOYIDSTRCANADAYQ 361
Db      299 GTVRPCLPFDEELTPATPLMIIGMGFTKONGKMSDILLQASVOYIDSTRCANADAYQ 358
Qy      362 GEYTERKMCAGIPRGVDTQGDGSGPLMTQSDQMHVGVIVSGVGGGSPSTPGVYTKVS 421
Db      359 GEYTERKMCAGIPRGVDTQGDGSGPLMTQSDQMHVGVIVSGVGGGSPSTPGVYTKVS 418
Qy      422 AYLNMIYNWKAEL 435
Db      419 AYLNMIYNWKAEL 432

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RESULT 200
US-10-063-598-112
; Sequence 112, Application US/10063598
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Macanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3230R1C1
; CURRENT APPLICATION NUMBER: US/10/063,598
; PRIORITY FILING DATE: 2002-05-03
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 112
; LENGTH: 432
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-063-598-112

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Query Match      98.1%; Score 2297.5; DB 30; Length 432;
Best Local Similarity 98.8%; Pred. No. 7.4e-216; Indels 5; Gaps 1;
Matches 429; Conservative 0; Mismatches 0;

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Qy      2 DPDSQPLNSLDVPRKRIIPMETPRKVGIPITIALSLASIIIVVLIKVIIDKYFL 61
Db      4 DPDSQPLNSLDVPRKRIIPMETPRKVGIPITIALSLASIIIVVLIKVIIDKYFL 63
Qy      62 CGQPLHFIIPKQJCDGELDCPLGDEDEHCVKSPFEGBAVAVRLSKORSTIQVDSATGNW 121
Db      64 CGQPLHFIIPKQJCDGELDCPLGDEDEHCVKSPFEGBAVAVRLSKORSTIQVDSATGNW 123
Qy      122 FSACFDNFTALAEACRQWYSSKPTFAVEICPDODLDVETITENSQELRMNNSGPC 181
Db      124 FSACFDNFTALAEACRQWYSSKPTFAVEICPDODLDVETITENSQELRMNNSGPC 178
Qy      182 LSGSLVSLHCLACGSKSLTPRVVGGEBASVDSWPMQVSIQYDKQHVCGGSLDPMWVLT 241
Db      179 LSGSLVSLHCLACGSKSLTPRVVGGEBASVDSWPMQVSIQYDKQHVCGGSLDPMWVLT 238

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Qy      242 AHCEKRTDVFNMKVRAGSDKLSFSLAVAKIIIEFNMPYPRONDIALMKLOPPLTFS 301
Db      239 AHCEKRTDVFNMKVRAGSDKLSFSLAVAKIIIEFNMPYPRONDIALMKLOPPLTFS 298
Qy      302 GTVRPCLPFDEELTPATPLMIIGMGFTKONGKMSDILLQASVOYIDSTRCANADAYQ 361
Db      299 GTVRPCLPFDEELTPATPLMIIGMGFTKONGKMSDILLQASVOYIDSTRCANADAYQ 358
Qy      362 GEYTERKMCAGIPRGVDTQGDGSGPLMTQSDQMHVGVIVSGVGGGSPSTPGVYTKVS 421
Db      359 GEYTERKMCAGIPRGVDTQGDGSGPLMTQSDQMHVGVIVSGVGGGSPSTPGVYTKVS 418
Qy      422 AYLNMIYNWKAEL 435
Db      419 AYLNMIYNWKAEL 432

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Search completed: January 21, 2006, 05:49:46
Job time : 235 secs

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